

EPA-R5-2014-006378RR-54

Peter Orris <porris@uic.edu>

02/27/2012 04:30 PM

To Margaret Guerriero, Mark Johnson, Maryann Suero,
mwattersmd, Susan Hedman, Carole Braverman, Michelle
Watters

cc

bcc

Subject Clyde ATSDR Memo - The rationale section

Dear All -

After good critiques from Maryann and Michelle, the memo has been shortened (now 2 pages) and the rationale section has been removed as too long and preachy. As I reread it I realized I wanted it to be a general statement on cluster analysis which is not appropriate in the memo that we were asked for. The memo is now with Maryann and will go to Susan after her review and edit.

Not part of the memo to ATSDR Atlanta-

As I think the rationale paragraphs of the original memo have background validity with respect to all cluster analyses and specifically to Clyde, I have attached it as a background piece for the Region V Clyde group. You may or may not find it useful.

all the best

p

Peter Orris, MD, MPH
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University of Illinois Hospital and Health Science System
835 S. Wolcott Street, Rm 144, (MC684)
Chicago, IL 60612
O 312-996-5804
Direct 312-413-0105



Fx 312-413-8485 Background Generalizable Ratiobnale for Clyde FU.docx

Nonresponsive



Nonresponsive

Nonresponsive

Nonresponsive



At 08:13 AM 3/2/2012 -0600, Maryann Suero wrote:

Peter,

Please see Susan's question below....she wants your input. In this iteration, she wanted the document to stand alone as a research or study question rather than as a request from EPA or from anyone else.

Nonresponsive



From: Mardi Klevs/R5/USEPA/US
To: Susan Hedman/R5/USEPA/US@EPA
Cc: Michael Harris/R5/USEPA/US, "Margaret Guerriero" <guerriero.margaret@epa.gov>, suero.maryann@epa.gov
Date: 03/01/2012 10:49 AM
Subject: Eastern Sandusky Cancer Data Research Question

Susan, I am acting for Margaret Guerriero today because Mike Harris is on travel today. He asked me to send you the document that was developed for the Eastern Sandusky Cancer Data Research request.

Mardi Klevs

Chief
Chemicals Management Branch
Land and Chemicals Division
U.S. EPA
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312-353-5490
fax: 312-385-5528

klevs_mardi@epa.gov

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EPA-R5-2014-006378RR-56

Peter Orris <porris@uic.edu>

03/02/2012 10:51 AM

To Mardi Klevs

cc Edward Master, Mardi Klevs, Margaret Guerriero, Maryann Suero, Michael Harris, Susan Hedman

bcc

Subject Re: Question from Susan : Eastern Sandusky Cancer

Hi Mardi-

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

p

At 09:03 AM 3/2/2012 -0600, Mardi Klevs wrote:

Peter, I am embedding the paper in the message. I'm a little unclear on what, if any language needs to change. Is there anything you think that needs to be changed? I just heard that Susan is not in the office today, by the way.

March 1, 2012

Nonresponsive

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NOTES:

This timeline is inclusive of the Cases in the original Clyde and Green

Creek Township areas but it contains those in the expanded cohort as well.

Created from data provided in ODH/Sandusky County HD Case Profile, May 2011.

Nonresponsive

[REDACTED]

(See attached file: 3-2-12 cdc request.docx)

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Cc: Margaret Guerriero/R5/USEPA/US@EPA, Michael
Harris/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Edward

Master/R5/USEPA/US@EPA

Date: 03/02/2012 08:48 AM

Subject: Re: Question from Susan : Eastern Sandusky Cancer

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and returning around 9:30 PM tonight.

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Peter,

Please see Susan's question below....she wants your input.

Nonresponsive

It might be time efficient, however, if you spoke directly with Susan.

maryann

-----Forwarded by Maryann Suero/R5/USEPA/US on 03/02/2012 07:55AM

To: Mardi Klevs/R5/USEPA/US@EPA

From: Susan Hedman/R5/USEPA/US

Date: 03/01/2012 08:53PM

Cc: "Margaret Guerriero" <guerriero.margaret@epa.gov>, Michael Harris/R5/USEPA/US@EPA, suero.maryann@epa.gov

Subject: Re: Eastern Sandusky Cancer Data Research Question

(See attached file:

Eastern_Sandusky_Cancer_Data_Research_Question_March_2012.docx)

Thanks -- the format is much improved -- but I don't think that's the question we are seeking to answer. **Nonresponsive**

Please check in with Peter.

Susan Hedman

Regional Administrator - Region 5

Great Lakes National Program Manager

U.S. Environmental Protection Agency

77 West Jackson, 19th Floor

Chicago, IL 60604

From: Mardi Klevs/R5/USEPA/US

To: Susan Hedman/R5/USEPA/US@EPA

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EPA-R5-2014-006378RR-57

Susan
Hedman/R5/USEPA/US
03/02/2012 06:13 PM

To Mardi Klevs
cc "Peter Orris", Edward Master, Margaret Guerriero, Maryann Suero, Michael Harris
bcc
Subject Re: Question from Susan : Eastern Sandusky Cancer

I agree that the second version of the question is better than the first. Please use that one and carefully go through the proposal one last time to make sure all of the content speaks to that question. Thanks very much.

Mardi Klevs

----- Original Message -----

From: Mardi Klevs
Sent: 03/02/2012 11:15 AM CST
To: Susan Hedman
Cc: Peter Orris <porris@uic.edu>; Edward Master; Margaret Guerriero; Maryann Suero; Michael Harris
Subject: Re: Question from Susan : Eastern Sandusky Cancer

Nonresponsive

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klevs.mardi@epa.gov

Mardi Klevs

Peter, is it ok to go with Susan Hedman...

03/02/2012 11:09:12 AM

From: Mardi Klevs/R5/USEPA/US
To: Peter Orris <porris@uic.edu>
Cc: Edward Master/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Margaret Guerriero/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Michael Harris/R5/USEPA/US@EPA

Date: 03/02/2012 11:09 AM
Subject: Re: Question from Susan : Eastern Sandusky Cancer

Nonresponsive

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Peter Orris

Hi Mardi- The research question is not...

03/02/2012 10:51:16 AM

From: Peter Orris <porris@uic.edu>
To: Mardi Klevs/R5/USEPA/US@EPA
Cc: Edward Master/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Margaret Guerriero/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Michael Harris/R5/USEPA/US@EPA, Susan Hedman/R5/USEPA/US@EPA
Date: 03/02/2012 10:51 AM
Subject: Re: Question from Susan : Eastern Sandusky Cancer

Hi Mardi-

Nonresponsive

p

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March 1, 2012

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Nonresponsive

A horizontal bar chart titled 'U.S. should take action to address climate change' showing the percentage of respondents who believe the U.S. should take action to address climate change, broken down by age group. The x-axis represents the percentage, ranging from 0 to 100. The y-axis lists age groups. The bars are black. The data is as follows:

Age Group	Percentage
18-29	65%
30-49	95%
50-69	98%
70+	88%
18-29	92%
30-49	95%
50-69	93%
70+	89%
18-29	91%
30-49	96%
50-69	94%
70+	90%
18-29	100%
30-49	35%

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NOTES:

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(See attached file: 3-2-12 cdc request.docx)

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Subject: Re: Question from Susan : Eastern Sandusky Cancer

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[REDACTED]

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-----Forwarded by Maryann Suero/R5/USEPA/US on 03/02/2012 07:55AM

To: Mardi Klevs/R5/USEPA/US@EPA

From: Susan Hedman/R5/USEPA/US

Date: 03/01/2012 08:53PM

Cc: "Margaret Guerriero" <guerriero.margaret@epa.gov>, Michael Harris/R5/USEPA/US@EPA, suero.maryann@epa.gov

Subject: Re: Eastern Sandusky Cancer Data Research Question

(See attached file:

Eastern_Sandusky_Cancer_Data_Research_Question_March_2012.docx)

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[REDACTED]

[REDACTED] Please check in with Peter.

Susan Hedman

Regional Administrator - Region 5
Great Lakes National Program Manager
U.S. Environmental Protection Agency
77 West Jackson, 19th Floor
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EPA-R5-2014-006378RR-58

Peter Orris <porris@uic.edu>

05/09/2012 01:09 PM

To Susan Hedman

cc Margaret Guerriero, Maryann Suero

bcc

Subject just a thought on wording re Clyde

Susan-

was running this over as a first approach to wording for the community so I thought I would share it- for who ever is crafting the words (dates not sure)

Nonresponsive

[REDACTED]

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EPA-R5-2014-006378RR-59

Peter Orris <porris@uic.edu>

To Maryann Suero

03/02/2012 02:54 PM

cc

bcc

Subject Re: Question from Susan : Eastern Sandusky Cancer

Was part of a longer statement. When on its own seems to
Imply we are looking for the cause. But who ever said I was consistent

Sent from my iPhone
Peter Orris, MD, MPH

On Mar 2, 2012, at 1:37 PM, Maryann Suero <Suero.Maryann@epamail.epa.gov> wrote:

Nonresponsive

Perhaps next week you can explain what I'm missing here....THANKS!

thanks,
maryann

-----Peter Orris <porris@uic.edu> wrote: -----

To: Mardi Klevs/R5/USEPA/US@EPA

From: Peter Orris <porris@uic.edu>

Date: 03/02/2012 10:51AM

Cc: Edward Master/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Margaret
Guerriero/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Michael

Harris/R5/USEPA/US@EPA, Susan Hedman/R5/USEPA/US@EPA

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March 1, 2012

Nonresponsive

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NOTES:

This timeline is inclusive of the Cases in the original Clyde and Green Creek Township areas but it contains those in the expanded cohort as well.

Created from data provided in ODH/Sandusky County HD Case Profile ,
May
2011.

Nonresponsive [REDACTED]
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Nonresponsive

[REDACTED]

(See attached file: 3-2-12 cdc request.docx)

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From: Peter Orris <porris@uic.edu>
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Date: 03/02/2012 08:48 AM
Subject: Re: Question from Susan : Eastern Sandusky Cancer

Maryann

Nonresponsive

[REDACTED]

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=

EPA-R5-2014-006378RR-60

Maryann
Suero/R5/USEPA/US
02/21/2012 02:57 PM

To: [Redacted]
cc
bcc
Subject: Re: FW: Response to information re eastern Sandusky
County investigation

Non-

I've shared your concerns with the field staff who are currently involved in the Eastern Sandusky County Assessment Project. For more information, please see
<http://www.epa.gov/region5/cleanup/easternsandusky/>

maryann

Maryann E. Suero, PhD
US EPA Region 5 (IL, IN, MI, MN, OH, WI)
Environmental Health Scientist
Children's Health Program Manager
77 W. Jackson Blvd. (LC-8J)
Chicago, IL 60604
Phone (312) 886-9077
Fax (312) 697-2558
suero.maryann@epa.gov

Nonresponsive

Dear Jennifer and Maryann:

02/10/2012 09:29:12 AM

From: [Redacted]
To: Jennifer Beese/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA
Date: 02/10/2012 09:29 AM
Subject: FW: Response to information re eastern Sandusky County investigation

Dear Jennifer and Maryann:

This memo contains some difficult statements, so please read the entire thing.

Ohio EPA has now taken the position that "air, water and soil samples collected in the area in which the affected families lived" were sufficient study materials to determine that "there was no completed path of exposure to significant levels of cancer-causing agents".

Note that Ms. Peelle has copied Robert Indian on this, so she must have checked out her phrasing with him, so we are hearing from leadership without any leader taking personal responsibility.

Here's the problem: In their 2009 study, soil samples were dug from earth six inches deep, on dry land above the creek. No sludge was taken from the deep portions (kettles) of the creek, or from the Pickerel Creek Wetlands, which are the accumulation zone for sewage particulate and whatever hydrocarbons are dumped in that creek by Whirlpool. No monitoring wells were ever drilled to take samples of groundwater from the upper-level aquifer near the creek, which is 'protected' only by porous sandstone (Karst formation), a bedrock which can be drilled, broken with a backhoe or pickaxe, and which dissolves to create sinkholes when exposed to moving water.

Studies can be found on the internet which reveal that engineering firms, county utilities and even Ohio EPA's NPDES department already knew that Raccoon Creek was contaminated by hydrocarbons and chlorine in 1995, 2003 and 2004. EPA's 'cancer study' in 2009 *deliberately did not gather accumulated sludge samples from the creek or the wetland*. I can find no mention of any monitoring wells drilled to determine the contents of aquifer water in a zone of about 100 square miles in eastern Sandusky County bisected by Raccoon Creek. There is no listing or discussion of water analysis taken from existing wells in that region. They looked at flowing creeks, and they collected 'grab samples', dipping out surface water to take home for testing.

Ohio EPA began the project with an unscientific assumption. In an early public meeting, an EPA leader announced: "there is no connection or relationship between the cancer cluster of Clyde and the increased incidence of cancer in Port Clinton, Bellevue, Fremont and Castalia". The same man announced, in answer to a question: "It's very rare to actually find the cause of a variety of cancers." Later, in the same meeting, another man admitted: "We don't know what is causing the cancer." No-one on the team corrected him. So if you don't know what the cause of a problem is, how can you make the statement that the problem is unrelated to similar problems in the region?

I have been bugging Rick Hassinger at Ohio EPA because he told me he was conducting an 'investigation' of my eyewitness observation of a hydrocarbon plume floating out from under the Whirlpool plant. His refusal to answer my memos in writing indicates he was only investigating *me*, a whistle-blower. Three times in our single interview, he tried to get me to back away from my conclusions. I cannot do that, I am an eyewitness to Whirlpool dumping hot hydrocarbons in Raccoon Creek, I know where Raccoon Creek flows, and I have seen the devastation caused by some enormous amount of toxins in the accumulation zone, Pickerel Creek Wetlands. Hundreds of acres simply *have no plant life*, and throughout eastern Sandusky County, there are no frogs, no tadpoles, and very few salamanders.

If Ohio EPA will *not* collect deep-core sludge samples from the wetland and test them using a Mass Spectrometry Testing System, will FEDERAL EPA please do so? This would be the simplest way to prove I'm wrong, just collect the samples and run them through an MSTs. This would be sixteen manhours, you can afford this. The wetland can be found on Bayshore Highway, just a short distance east of Ohms Road. I am available to ride shotgun and steer you through the maze of county roads, or I will introduce your scientists to local, long-term residents who will be glad to take you out there on a weekend.

However, *if I am proven correct, if the wetland is covered in a sludge of chlorinated hydrocarbons and sewage*, here's what has happened: State EPA is refusing to acknowledge a long-term, deliberate and secretive pollution of chlorinated and other hydrocarbons killing plant and animal life in a creek and State-owned wetland. The hydrocarbons have killed off all biota, making the oxidation ditch method of sewage treatment used by City of Clyde absolutely ineffective. Hydrocarbons and untreated sewage particulate have flocced to form a heavy sludge which includes metal ions and hydroxides, which sinks to the bottom of the creek and wetlands. From the bottom, toxins can seep through the porous sandstone into groundwater, and the whole creek and wetlands sit on porous sandstone. Finally, untreated sewage and toxins can flow through sloughs into Lake Erie, creating the increasingly larger toxic algae blooms we've experienced for a few years, closing beaches and impoverishing fisheries and tourism.

But that's only if I'm correct. If I'm not correct, the question to ask is: "This is a one-day project for two college kids. Why hasn't Ohio EPA sent a couple of scientists out to gather the sludge and run samples through the MassSpec?"

Then they could send this guy a printout of the results and never hear from him again.

Sincerely,

Non-

From: Darla.Peelle@epa.state.oh.us

To: **Non-Responsive**

CC: Robert.Indian@odh.ohio.gov; Suero.Maryann@epamail.epa.gov; Beese.Jennifer@epamail.epa.gov; dpollick@sanduskycohd.org; mdennis@sanduskycohd.org; rick.hassinger@epa.state.oh.us

Subject: Response to information re eastern Sandusky County investigation

Date: Fri, 10 Feb 2012 12:59:29 +0000

Dear **Non-**

I am writing in response to email you sent on January 9 and February 1, 2012, to Rick Hassinger, an investigator who works in the Office of Special Investigations for Ohio EPA's Northwest District Office. I am a public involvement coordinator with Ohio EPA and serve as a liaison between agency staff and residents of the 24 counties served by our Northwest District Office. Rick asked that I contact you on his behalf.

As you may know, Ohio EPA participated in the eastern Sandusky County environmental investigation as requested by the Ohio Department of Health (ODH). Based on the findings from air, water and soil samples collected in the area in which the affected families lived, ODH concluded that there was no completed path of exposure to significant levels of cancer-causing agents. The U.S. EPA has reviewed Ohio EPA's findings and has found them to be valid. However, the federal EPA is conducting an additional investigation in eastern Sandusky County.

Ohio EPA took an assistive role in the earlier environmental investigation initiated by ODH, however, the U.S. EPA is presently the lead agency. Because of this, I am forwarding the information you shared with Rick to Dr. Maryann Suero, Regional Team Manager, Children's Health, U.S. EPA Region 5 and Jennifer Beese, a public affairs specialist in the Water Division U.S. EPA Region 5, who is the contact for all surface water-related concerns in the states served by Region 5. I am also forwarding the information to Sandusky County Health Commissioner Dave Pollick. I respectfully ask that you send any additional observations and recommendations to Dr. Suero and/or Ms. Beese. Dr. Suero's email address is Suero.Maryann@epamail.epa.gov and Ms. Beese's email address is Beese.Jennifer@epamail.epa.gov. In order to establish context, I am copying both of them on this message.

Thank you for your concern and for providing your input to the investigation.

Sincerely,

Darla

~~~~~

*Darla L. Peelle*  
*Environmental Public Information Officer*  
*Ohio EPA*  
*50 W. Town Street, Suite 700*  
*Columbus OH 43215*  
*Phone: (614) 644-2160*  
*Fax: (614) 644-2737*

EPA-R5-2014-006378RR-61

Non-  
Responsive  
02/21/2012 06:51 PM

To Maryann Suero  
cc  
bcc  
Subject RE: Response to information re eastern Sandusky County investigation

Dear Ms. Suero:

The reason I'm writing to you incessantly is because you all say the same thing: 'Your concerns have been communicated to our scientists.' After the experience we've had with Ohio scientists, this is not helping us to sleep well.

My concern is that your scientists probably do not know what they are looking at, and like our people in Ohio, they may not make the effort to find out. Instead, they'll make assumptions and take the easy way out.

For instance, in the 2009 Watershed Survey that examined Raccoon Creek, the characteristics of the creek were described as 'nutrient eutrophication' with phosphates. The observers saw sewage being dumped in the creek and assumed algae would grow. The observer doesn't want to fall in the nasty water, so he's making an assumption that the sewage (essentially a fertilizer) will feed algae in the creek, the algae will multiply, consuming oxygen, treating the sewage and the end result would be eutrophication.

If this were a valid conclusion, two things about Raccoon Creek and Pickerel Creek Wetland would be very different. 1. The sewage flows would change color as the water moves north in Raccoon Creek, so that by the time the water reaches the wetland, it would change from a yellow-brown color (sewage) to a yellow-green or medium green color, or possibly thalo green in cold weather. 2. High volumes of sewage or algae would never have killed off hundreds of acres of cattails (typhae) in a giant fan originating where Raccoon Creek spills into the wetland. Low oxygen, high COD, high BOD, all mean nothing to cattails, they exude oxygen from their fibrous roots and nourish a community of microorganisms (including algae) which absorb sewage and clarify the water. A wetland of cattails the size of Pickerel Creek (400 acres) should be able to treat Clyde's little tinkle to Tertiary Quality.

The fact is that no sewage treatment is happening. I propose to you that all algae have been killed off in Raccoon Creek downstream of Whirlpool; no oxidation ditch sewage treatment is possible without the algae. Also, whatever poisoned the algae also killed off hundreds of acres of cattails and all the dependant microbial systems supported in their roots.

Take EIGHTEEN INCH CORE SAMPLES of the sludge in the wetland, pinch samples from the cores at six-inch intervals, and run each pinch through a Mass Spectrometry Testing System. You should find hydrocarbons, chlorine, a variety of metals (some as ions, some bound in sludge molecules), and hydroxides or water contributing OH to the sludge structure. (Think: Black Mayonnaise.) Ever study what accumulates in the bottom of a harbor? Same stuff, human waste particulate, hydrocarbons, some chlorine from boat-cleaning chemicals, metals, hydroxides, water.

Another BIG error made in the 'study' of the environment by Ohio Dept. Health is the wrong assumption that our bedrock is carbonate. It does contain calcium, but it is not a marble or marl, it is porous sandstone (Karst formation), easily dissolved by moving water, easily broken with heavy equipment, you can dig it with a pickaxe. If sludge contaminated by chlorinated hydrocarbons sits on this sandstone, it can seep into groundwater. That would account for communication of carcinogens in many, *many ways*,

42% of people in this county get their drinking water from wells. They irrigate orchards and vegetable gardens, they fill fish ponds and swimming pools. They play golf while sprinklers squirt groundwater from which carcinogens can evaporate, converting water pollution to air pollution.

So now you're asking: "Oh, yeah? How does Port Clinton get cancer?" Simple. The sludge in the wetland is killing cattails, and they die where the greatest amount of hydrocarbons flow. Wherever polluted water moves in the wetland, the cattails are dying, creating fast-moving sloughs and allowing untreated sewage and hydrocarbons to pass through into Sandusky Bay. If there's a littoral current of any strength, it can create a pollution stream which follows the coastline clockwise up to the south-facing beach where citizens of Port Clinton swim and play. As for Castalia, I've been told it and the fish hatchery are both downgrade of the wetlands.

So please stop telling me my concerns have been communicated and start telling me you've pulled deep sludge cores from the wetland and tested them in a Mass Spectrometry Testing system.

Non-

> Subject: Re: FW: Response to information re eastern Sandusky County investigation

> To: Non-Responsive

> From: Suero.Maryann@epamail.epa.gov

> Date: Tue, 21 Feb 2012 14:57:48 -0600

>

> Non-

>

> I've shared your concerns with the field staff who are currently  
> involved in the Eastern Sandusky County Assessment Project. For more  
> information, please see  
> <http://www.epa.gov/region5/cleanup/easternsandusky/>

>

> maryann

>

> \*\*\*\*\*

> Maryann E. Suero, PhD

> US EPA Region 5 (IL, IN, MI, MN, OH, WI)

> Environmental Health Scientist

> Children's Health Program Manager

> 77 W. Jackson Blvd. (LC-8J)

> Chicago, IL 60604

> Phone (312) 886-9077

> Fax (312) 697-2558

> suero.maryann@epa.gov

> \*\*\*\*\*

>

>

>

>

> From: **Non-Responsive**  
> To: Jennifer Beese/R5/USEPA/US@EPA, Maryann  
> Suero/R5/USEPA/US@EPA  
> Date: 02/10/2012 09:29 AM  
> Subject: FW: Response to information re eastern Sandusky County  
> investigation  
>  
>  
>  
> Dear Jennifer and Maryann:  
>  
> This memo contains some difficult statements, so please read the entire  
> thing.  
>  
> Ohio EPA has now taken the position that "air, water and soil samples  
> collected in the area in which the affected families lived" were  
> sufficient study materials to determine that "there was no completed  
> path of exposure to significant levels of cancer-causing agents".  
>  
> Note that Ms. Peelle has copied Robert Indian on this, so she must have  
> checked out her phrasing with him, so we are hearing from leadership  
> without any leader taking personal responsibility.  
>  
> Here's the problem: In their 2009 study, soil samples were dug from  
> earth six inches deep, on dry land above the creek. No sludge was taken  
> from the deep portions (kettles) of the creek, or from the Pickerel  
> Creek Wetlands, which are the accumulation zone for sewage particulate  
> and whatever hydrocarbons are dumped in that creek by Whirlpool. No  
> monitoring wells were ever drilled to take samples of groundwater from  
> the upper-level aquifer near the creek, which is 'protected' only by  
> porous sandstone (Karst formation), a bedrock which can be drilled,  
> broken with a backhoe or pickaxe, and which dissolves to create  
> sinkholes when exposed to moving water.  
>  
> Studies can be found on the internet which reveal that engineering  
> firms, county utilities and even Ohio EPA's NPDES department already  
> knew that Raccoon Creek was contaminated by hydrocarbons and chlorine in  
> 1995, 2003 and 2004. EPA's 'cancer study' in 2009 deliberately did not  
> gather accumulated sludge samples from the creek or the wetland. I can  
> find no mention of any monitoring wells drilled to determine the  
> contents of aquifer water in a zone of about 100 square miles in eastern  
> Sandusky County bisected by Raccoon Creek. There is no listing or  
> discussion of water analysis taken from existing wells in that region.  
> They looked at flowing creeks, and they collected 'grab samples',  
> dipping out surface water to take home for testing.  
>  
> Ohio EPA began the project with an unscientific assumption. In an early  
> public meeting, an EPA leader announced: "there is no connection or  
> relationship between the cancer cluster of Clyde and the increased  
> incidence of cancer in Port Clinton, Bellevue, Fremont and Castalia".  
> The same man announced, in answer to a question: "It's very rare to  
> actually find the cause of a variety of cancers." Later, in the same  
> meeting, another man admitted: "We don't know what is causing the  
> cancer." No-one on the team corrected him. So if you don't know what

> the cause of a problem is, how can you make the statement that the  
> problem is unrelated to similar problems in the region?  
>  
> I have been bugging Rick Hassinger at Ohio EPA because he told me he was  
> conducting an 'investigation' of my eyewitness observation of a  
> hydrocarbon plume floating out from under the Whirlpool plant. His  
> refusal to answer my memos in writing indicates he was only  
> investigating me, a whistle-blower. Three times in our single  
> interview, he tried to get me to back away from my conclusions. I  
> cannot do that, I am an eyewitness to Whirlpool dumping hot hydrocarbons  
> in Raccoon Creek, I know where Raccoon Creek flows, and I have seen the  
> devastation caused by some enormous amount of toxins in the accumulation  
> zone, Pickerel Creek Wetlands. Hundreds of acres simply have no plant  
> life, and throughout eastern Sandusky County, there are no frogs, no  
> tadpoles, and very few salamanders.  
>  
> If Ohio EPA will not collect deep-core sludge samples from the wetland  
> and test them using a Mass Spectrometry Testing System, will FEDERAL EPA  
> please do so? This would be the simplest way to prove I'm wrong, just  
> collect the samples and run them through an MSTs. This would be sixteen  
> manhours, you can afford this. The wetland can be found on Bayshore  
> Highway, just a short distance east of Ohms Road. I am available to  
> ride shotgun and steer you through the maze of county roads, or I will  
> introduce your scientists to local, long-term residents who will be glad  
> to take you out there on a weekend.  
>  
> However, if I am proven correct, if the wetland is covered in a sludge  
> of chlorinated hydrocarbons and sewage, here's what has happened: State  
> EPA is refusing to acknowledge a long-term, deliberate and secretive  
> pollution of chlorinated and other hydrocarbons killing plant and animal  
> life in a creek and State-owned wetland. The hydrocarbons have killed  
> off all biota, making the oxidation ditch method of sewage treatment  
> used by City of Clyde absolutely ineffective. Hydrocarbons and  
> untreated sewage particulate have flocced to form a heavy sludge which  
> includes metal ions and hydroxides, which sinks to the bottom of the  
> creek and wetlands. From the bottom, toxins can seep through the porous  
> sandstone into groundwater, and the whole creek and wetlands sit on  
> porous sandstone. Finally, untreated sewage and toxins can flow through  
> sloughs into Lake Erie, creating the increasingly larger toxic algae  
> blooms we've experienced for a few years, closing beaches and  
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> EPA sent a couple of scientists out to gather the sludge and run samples  
> through the MassSpec?"  
>  
> Then they could send this guy a printout of the results and never hear  
> from him again.  
>  
> Sincerely,  
>  
> Non-  
>

>  
>  
>  
> From: Darla.Peelle@epa.state.oh.us  
> To: Non-Responsive  
> CC: Robert.Indian@odh.ohio.gov; Suero.Maryann@epamail.epa.gov;  
> Beese.Jennifer@epamail.epa.gov; dpollick@sanduskycohd.org;  
> mdennis@sanduskycohd.org; rick.hassinger@epa.state.oh.us  
> Subject: Response to information re eastern Sandusky County  
> investigation  
> Date: Fri, 10 Feb 2012 12:59:29 +0000  
>  
> Dear Non-  
>  
> I am writing in response to email you sent on January 9 and February 1,  
> 2012, to Rick Hassinger, an investigator who works in the Office of  
> Special Investigations for Ohio EPA's Northwest District Office. I am a  
> public involvement coordinator with Ohio EPA and serve as a liaison  
> between agency staff and residents of the 24 counties served by our  
> Northwest District Office. Rick asked that I contact you on his behalf.  
>  
> As you may know, Ohio EPA participated in the eastern Sandusky County  
> environmental investigation as requested by the Ohio Department of  
> Health (ODH) . Based on the findings from air, water and soil samples  
> collected in the area in which the affected families lived, ODH  
> concluded that there was no completed path of exposure to significant  
> levels of cancer-causing agents. The U.S. EPA has reviewed Ohio EPA's  
> findings and has found them to be valid. However, the federal EPA is  
> conducting an additional investigation in eastern Sandusky County.  
>  
> Ohio EPA took an assistive role in the earlier environmental  
> investigation initiated by ODH, however, the U.S. EPA is presently the  
> lead agency. Because of this, I am forwarding the information you  
> shared with Rick to Dr. Maryann Suero, Regional Team Manager, Children's  
> Health, U.S. EPA Region 5 and Jennifer Beese, a public affairs  
> specialist in the Water Division U.S. EPA Region 5, who is the contact  
> for all surface water-related concerns in the states served by Region 5.  
> I am also forwarding the information to Sandusky County Health  
> Commissioner Dave Pollick. I respectfully ask that you send any  
> additional observations and recommendations to Dr. Suero and/or Ms.  
> Beese. Dr. Suero's email address is Suero.Maryann@epamail.epa.gov and  
> Ms. Beese's email address is Beese.Jennifer@epamail.epa.gov. In order to  
> establish context, I am copying both of them on this message.  
>  
> Thank you for your concern and for providing your input to the  
> investigation.  
>  
> Sincerely,  
>  
> Darla  
> ~~~~  
>  
> Darla L. Peelle  
> Environmental Public Information Officer



- > Ohio EPA
- > 50 W. Town Street, Suite 700
- > Columbus OH 43215
- > Phone: (614) 644-2160
- > Fax: (614) 644-2737

EPA-R5-2014-006378RR-62

Virginia  
Narsete/R5/USEPA/US  
08/21/2012 01:40 PM

To Mark Durno  
cc LANCE VLCEK, Stephen Wolfe, Maryann Suero, Mark Johnson  
bcc  
Subject Re: Fw: Clyde Cancer Cluster From Dr. Baumann

He is convinced he knows the causes of the childrens cancer . Thanks for forwarding to Maryann

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

|            |                                             |                        |
|------------|---------------------------------------------|------------------------|
| Mark Durno | Lance / Steve, This is way out of our la... | 08/21/2012 11:55:29 AM |
|------------|---------------------------------------------|------------------------|

From: Mark Durno/R5/USEPA/US  
To: LANCE VLCEK/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA,  
Cc: Virginia Narsete/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Mark Johnson  
Date: 08/21/2012 11:55 AM  
Subject: Fw: Clyde Cancer Cluster From Dr. Baumann

Lance / Steve,

This is way out of our lane in removal, although, it would be good information to share with the health folks as an FYI (I've cc'd Maryann and Mark J. in case they aren't already aware)

Ginny - I'll give you a shout when I can - on a call the rest of the day...

md

---

Mark Durno  
Chief, Response Section 1  
U.S. EPA Region V  
25089 Center Ridge Road  
Westlake, OH 44145  
440-250-1743

|                  |                                              |                        |
|------------------|----------------------------------------------|------------------------|
| Virginia Narsete | I believe you all may want to look into t... | 08/20/2012 02:25:25 PM |
|------------------|----------------------------------------------|------------------------|

From: Virginia Narsete/R5/USEPA/US  
To: LANCE VLCEK/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA,  
Date: 08/20/2012 02:25 PM  
Subject: Fw: Clyde Cancer Cluster From Dr. Baumann

I believe you all may want to look into this from this Professor from Ohio State ..

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

----- Forwarded by Virginia Narsete/R5/USEPA/US on 08/20/2012 01:21 PM -----

From: **Non-Responsive**  
To: Virginia Narsete/R5/USEPA/US@EPA,  
Date: 08/14/2012 08:38 AM  
Subject: Clyde Cancer Cluster

---

Hi Virginia,

I will try to organize my thoughts on the cancer cluster in this email. I have attached my Vita so folks can see who I am. You could also Google: **Non-Responsive**, fish, cancer, tumor. My research has been on cancer epizootiology (animals, in my case fish) rather than cancer epidemiology (humans), but the same principals apply. Having spent 30 years + proving that fish cancer clusters (in particular liver cancers, both hepatic and biliary) are caused by environmental carcinogens (most often PAHs like benzo(a)pyrene and its friends and relatives), I am of the firm opinion that human cancer clusters also have a cause and that the cause is almost certainly an environmental carcinogen. This is not, unfortunately, the assumption of some state people charged with investigating these clusters (the Naysayers) who think they may just be random events triggered by genetics or smoking or fairy dust (or something), and who never expect to find an answer. When you don't expect to find an answer you usually won't. My interest in this case was that I felt childhood cancer clusters were not being given the effort they deserved. I am not being paid in any way by anybody for anything related to the Clyde cancer cluster. Everything I present is derived from articles on the internet and my own research experience. In other words I have not had access to the actual data in this case. My hypothesis lends itself to falsification by checking on the timing of some events, which I will get to later.

My starting point to look for an answer was to see what environmental carcinogens (or other factors) had been demonstrated to cause the type of childhood cancers seen in Clyde. I must admit I had a hunch about what I would find, based on my own research on a fish cancer cluster at the Massachusetts Military Reservation (old Otis Air Force Base) on Cape Cod. Therefore I took two of the childhood cancers found in Clyde, acute myeloid leukemia and lymphoblastic leukemia, and typed them into Google with the word "etiology". Running through the leads one finds several other cancer clusters that had the same childhood cancers and that were linked to environmental chemicals. I suggest you Google the following cancer clusters:

Wooster, Mass. (old); Camp Lejeune, NC (new); and Fort Detrick (very new, you need to find a July 2012 article to see the cause/effect relationship assigned). There are some other locations as well, particularly two RCA locations, one in Taoyuan, Taiwan, and one in Pennsylvania. At all of these sites the chemical found to be a causal factor was the solvent TCE and its friends and relatives (VOCs like PCE). TCE is now classified as a known human carcinogen, including by the EPA just last October.

From this information it seems a waste of time to pursue hundreds of chemical compounds which have no record of causing the types of childhood cancer seen in Clyde. A better use of time would be to ask what industry or industries might have had sufficient solvent waste streams to cause a cancer outbreak. Obviously Whirlpool would be number one on the list. I think there was a now closed paint recycling facility near-by also, so the dates of its operation should be checked.

But wait!, you say, our field monitoring data has not shown high levels of VOCs in the water or the air! And of course at this point the Naysayers say "Well it couldn't be that then". What I say is I know it has to be something and VOCs are by far the most likely culprits; therefore someone either shut down or changed a process to eliminate the solvent discharge. At this point the Naysayers say "Well I'm sure Whirlpool hasn't kept/won't give us/didn't monitor that data, so we can just give up." Unless of course some employee, speaking with a local paper and doing sort of a victory lap on how clean Whirlpool is, provided unasked for information that might be of use. So I will quote from an article in the Toledo Blade by Tom Henry published on May 16, 2011 and entitled "Clyde child-cancer cluster likely to remain a mystery". The following is under the subheading "Pollution decline": "Robert J. Karwowski, Whirlpool environmental, health and safety director, said those classes of chemical releases (VOCs) have been on the decline with the company's conversion to powder paints instead of spray paints. Powder paints cling to metal with electro-magnetic force and are baked on the steel, resulting in far fewer air emissions than in the past, he said. Last year's releases of volatile organic compounds were down to 181 tons, Mr. Karwowski said."

Thus one question is what made those earlier paints so sprayable, and exactly how many tons of VOCs were they emitting during the active years of the cluster? Actually I think Whirlpool may have been using water based paints before this final switch. However water based paints also have solvents, just less of them than the old solvent based paints. Here however we can finally focus on one of the biggest factors that can falsify an epidemiological hypothesis (or lend it more credence). We know from the Camp Lejeune and other studies that cancer can be initiated in children in utero. Thus the end of the cancer cluster (if it has ended) should correspond roughly to the date of conception of the last child to be diagnosed. This should be a date that you folks have access to. It might be that the child was effected slightly later, however the first three years, rather than the time of diagnosis are a better marker of initiation. Cancers are known to have a latent period, a waiting period, often of many years for longer lived species, between initiation and promotion and between promotion and growth to a diagnosable size. Then what needs to be done is see when the various changes in paint type or other solvent related processes took place at Whirlpool (or elsewhere).

Did the timing of those changes correspond to the end of the cancer cluster ? Notice that Whirlpool tracked the total VOC amounts , and thus has some record of changes . Also if the state of Ohio or the US does not require tracking TCE specifically , that is a problem that needs new regulation .

Please note that I am not saying the scenario I have outlined is positively the way things happened. However I do feel strongly that it is the most reasonable theory presently available. Certainly from a court of law standpoint, the lack of exposure values would be a large problem. I am assuming that the dissemination of the VOCs was aerial, since, according to my understanding, not all victims used the same water source. Also I would expect the VOCs to be detectable in the water for a reasonably long time (although admittedly at rapidly declining levels) as opposed to stack emissions which would be gone the next day.

I came across a court case that failed to collect damages by linking TCE to human cancer and diseases. The defense lawyers used a "but for" defense. They asked the plaintiff's experts whether individual child X would have not contracted, say, leukemia "but for" exposure to TCE. Of course the experts had to say they didn't know. However this question is based on an inaccurate premise. The best analogy would be a pro baseball player who starts taking steroids. He was able to hit an average or even above average amount of home runs before he started taking the drug. However after taking the drug he was hitting way over normal production (including his own former statistics). If a lawyer said, "Can you state that the home run in the fifth inning of the game against the White Sox in June of 2009 would not have been a home run "but for" taking steroids, then the answer again would have to be "I don't know". However the real answer is that the amount of home runs in aggregate would not have been hit "but for" the steroid use. Similarly the total number of childhood cancer cases would not have occurred "but for" exposure to environmental carcinogens.

Sorry to be so long winded. Please feel free to contact me if you need something clarified or would like further information. I did mention these ideas to whoever was manning Senator Sherrod Brown's phone. He took a few notes, but since I never even reached an actual staff member, I am not sure in anything got through. Certainly I can be convinced that my idea is wrong if the data seems to refute my premise. However if I remain convinced that this is the most reasonable scenario, and if it looks as though you cannot pursue it, I would, for the sake of my conscience, probably take this directly to the victims and their lawyers sometime in the fall. At the very least I would want them to know that things like genetics, smoking, and random bad luck are never involved in such clusters.

Sincerely,

**Nonresponsive**

[attachment "PCB VITA 2012.doc" deleted by Mark Durno/R5/USEPA/US]

EPA-R5-2014-006378RR-63

Maryann  
Suero/R5/USEPA/US  
02/27/2012 04:45 PM

To Peter Orris  
cc Michelle Watters, mwattersmd, Carole Braverman, Margaret  
Guerriero, Mark Johnson  
bcc  
Subject Slightly Revised Version of Your Last Version (so what I  
would call Draft Final for Susan) / Clyde Memo for ATSDR

Peter,

I've made a few "style" changes and a few word changes. I know it's not in "official" format yet, but it's close enough for right now.....

Carole and I actually discussed making one of the changes you made (moving a paragraph up to the first section)....great minds etc.

I want to review it again with fresh eyes, and it would be good if everyone else could as well.

Thanks,  
maryann



Clyde FU SIR Study 2-28-12\_B.docx

|             |                                             |                        |
|-------------|---------------------------------------------|------------------------|
| Peter Orris | in response to yours and Michelles criti... | 02/27/2012 04:14:46 PM |
|-------------|---------------------------------------------|------------------------|

From: Peter Orris <porris@uic.edu>  
To: Maryann Suero/R5/USEPA/US@EPA  
Cc: mwattersmd@yahoo.com, Michelle Watters/R5/USEPA/US@EPA  
Date: 02/27/2012 04:14 PM  
Subject: Ok - here is a 2 pager with the time line on the third

in response to yours and Michelles  
critique -

Think it is clear and non preachy

will put the other piece as separate for her background only

p

Peter Orris, MD, MPH  
Professor and Chief of Service  
Occupational and Environmental Medicine  
University of Illinois Hospital and Health Science System  
835 S. Wolcott Street, Rm 144, (MC684)  
Chicago, IL 60612  
O 312-996-5804  
Direct 312-413-0105  
Fx 312-413-8485 [attachment "Clyde FU SIR Study 2-28-12.docx" deleted by  
Maryann Suero/R5/USEPA/US]





EPA-R5-2014-006378RR-64

Maryann  
Suero/R5/USEPA/US  
02/23/2012 08:30 AM

To Mardi Klevs  
cc Jean Hogan-Chereskin, Sharon Jaffess, Mark Durno,  
Stephen Wolfe, James Justice  
bcc  
Subject As Requested: Eastern Sandusky Hot Issue for  
Administrator Jackson's meeting w/all Governors

Nonresponsive

[Redacted]

maryann



Eastern Sandusky\_Hot\_Issue\_gov\_meeting\_Feb\_2012.docx

Mardi Klevs

Jean, Maryann is not in the office today...

02/22/2012 10:10:22 AM

From: Mardi Klevs/R5/USEPA/US  
To: Jean Hogan-Chereskin/R5/USEPA/US@EPA  
Cc: suero.maryann@epa.gov  
Date: 02/22/2012 10:10 AM  
Subject: Re: VERY IMPORTANT: ACTION: Very Short turn around time - HOT Issues for Administrator Jackson's meeting w/all Governors

Jean, Maryann is not in the office today, and probably won't be able to get the Clyde piece in until tomorrow.

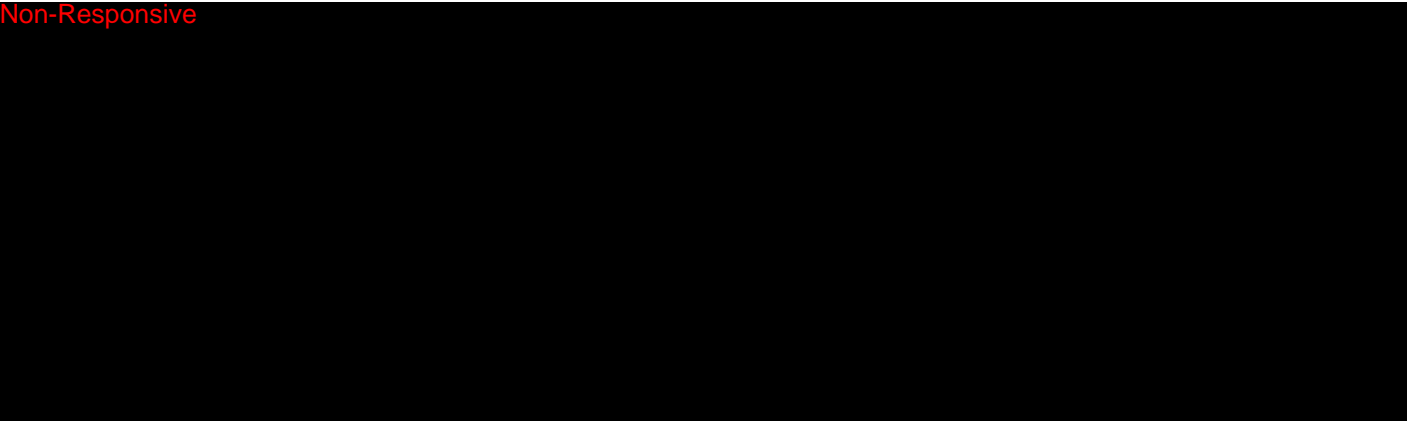
Mardi Klevs  
Chief  
Chemicals Management Branch  
Land and Chemicals Division  
U.S. EPA  
77 W. Jackson (LC-8J)  
Chicago, IL 60604  
312-353-5490  
fax: 312-385-5528

klevs.mardi@epa.gov

\*\*\*\*\*

Non-  
Resp

Non-Responsive



EPA-R5-2014-006378RR-65

**Maryann  
Suero/R5/USEPA/US**  
02/27/2012 03:08 PM

To Carole Braverman  
cc Margaret Guerriero  
bcc

Subject Draft Proposal : Clyde for ATSDR (still not final though)

Here's what I just sent to Peter, and I just spoke with him about one whole section that I think still needs to be cleaned up (and perhaps made more "clinical" and less "preachy")

He said he'll send it back to me in a bit.

maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 02/27/2012 03:06 PM -----

From: Maryann Suero/R5/USEPA/US  
To: Peter Orris <porris@uic.edu>  
Date: 02/27/2012 02:34 PM  
Subject: Re: here is the draft with the protocol shortened.

---

Call me when you have a minute to discuss.



Clyde FU SIR Study Proposal shorter 2-27-12\_B.docx

maryann

312-886-9077

Peter Orris

do you want me to rearrange the rest or...

02/27/2012 01:24:07 PM

From: Peter Orris <porris@uic.edu>  
To: Maryann Suero/R5/USEPA/US@EPA  
Date: 02/27/2012 01:24 PM  
Subject: here is the draft with the protocol shortened.

---

do you want me to rearrange the rest or are you doing that?  
p

Peter Orris, MD, MPH  
Professor and Chief of Service  
Occupational and Environmental Medicine  
University of Illinois Hospital and Health Science System  
835 S. Wolcott Street, Rm 144, (MC684)  
Chicago, IL 60612  
O 312-996-5804  
Direct 312-413-0105  
Fx 312-413-8485 [attachment "Clyde FU SIR Study Proposal draft 2-27-12.docx"  
deleted by Maryann Suero/R5/USEPA/US]

EPA-R5-2014-006378RR-66

**Carole  
Braverman/R5/USEPA/US**  
02/27/2012 03:48 PM

To Maryann Suero  
cc Margaret Guerriero  
bcc  
Subject Re: Draft Proposal : Clyde for ATSDR (still not final though)

Hi MaryAnn,

Nonresponsive



Clyde FU SIR Study Proposal shorterbraverman 2-27-12\_B.docx

Carole T. Braverman, Ph.D.  
Regional Science Liaison to ORD  
U.S.EPA Region 5  
77 West Jackson Blvd ML-10C  
Chicago, IL 60604  
Phone: (312) 353-7359  
braverman.carole@epa.gov

Maryann Suero [Here's what I just sent to Peter, and I ju...](#) 02/27/2012 03:08:15 PM

From: Maryann Suero/R5/USEPA/US  
To: Carole Braverman/R5/USEPA/US@EPA  
Cc: Margaret Guerriero/R5/USEPA/US@EPA  
Date: 02/27/2012 03:08 PM  
Subject: Draft Proposal : Clyde for ATSDR (still not final though)

Here's what I just sent to Peter, and I just spoke with him about one whole section that I think still needs to be cleaned up (and perhaps made more "clinical" and less "preachy")

He said he'll send it back to me in a bit.

maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 02/27/2012 03:06 PM -----

From: Maryann Suero/R5/USEPA/US  
To: Peter Orris <porris@uic.edu>  
Date: 02/27/2012 02:34 PM  
Subject: Re: here is the draft with the protocol shortened.

Call me when you have a minute to discuss.

[attachment "Clyde FU SIR Study Proposal shorter 2-27-12\_B.docx" deleted by Carole Braverman/R5/USEPA/US]

maryann  
312-886-9077

Peter Orris

do you want me to rearrange the rest or...

02/27/2012 01:24:07 PM

From: Peter Orris <porris@uic.edu>  
To: Maryann Suero/R5/USEPA/US@EPA  
Date: 02/27/2012 01:24 PM  
Subject: here is the draft with the protocol shortened .

---

do you want me to rearrange the rest or are you doing that?  
p

Peter Orris, MD, MPH  
Professor and Chief of Service  
Occupational and Environmental Medicine  
University of Illinois Hospital and Health Science System  
835 S. Wolcott Street, Rm 144, (MC684)  
Chicago, IL 60612  
O 312-996-5804  
Direct 312-413-0105  
Fx 312-413-8485 [attachment "Clyde FU SIR Study Proposal draft 2-27-12.docx"  
deleted by Maryann Suero/R5/USEPA/US]

EPA-R5-2014-006378RR-67

Sharon Jaffess /R5/USEPA/US

04/02/2012 12:32 PM

To Carol Ropski, WILLIAM RYCZEK, THOMAS MARKS, Michael Bednarz, MARGARET HERRING, FRED BARTMAN, LANCE VLCEK, Virginia Narsete

cc Maryann Suero, Mark Durno, Stephen Wolfe, James Justice, Jason El-Zein

bcc

Subject Fw: URGENT - Hot Issue Request for OH and MI, Deadline - ASAP

Non-Responsive

Please see what you can get up to Mark by today so that Mark can get the update to John Peterson and Anne Rowan ASAP. Please keep me informed and let me know if you have any questions.

Thanks,  
Sharon

----- Forwarded by Sharon Jaffess/R5/USEPA/US on 04/02/2012 12:22 PM -----

From: John Peterson/R5/USEPA/US  
To: rowan.anne@epa.gov, Phillippa Cannon/R5/USEPA/US@EPA, Wendy Carney/R5/USEPA/US@EPA, Kevin Pierard/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, William Walter/R5/USEPA/US@EPA, John Haugland/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Jerri-Anne Garl/R5/USEPA/US@EPA, Bruce Sypniewski/R5/USEPA/US@EPA, Douglas Ballotti/R5/USEPA/US@EPA, THOMAS SHORT/R5/USEPA/US@EPA, gawlinski.denise@epa.gov, Jason El-Zein/R5/USEPA/US@EPA, LAWRENCE SCHMITT/R5/USEPA/US@EPA, Robert Kaplan/R5/USEPA/US@EPA, Bertram Frey/R5/USEPA/US@EPA, David Cowgill/R5/USEPA/US@EPA, Elissa Speizman/R5/USEPA/US@EPA, David Taliaferro/R5/USEPA/US@EPA, Richard Nagle/R5/USEPA/US@EPA, John Peterson/R5/USEPA/US@EPA, Ronna Beckmann/R5/USEPA/US@EPA, Linda Holst/R5/USEPA/US@EPA, Marietta Newell/R5/USEPA/US@EPA, Cameron Davis/R5/USEPA/US@EPA, Peter Cassell/R5/USEPA/US@EPA, moloney.mark@epa.gov, poy.thomas@epa.gov, newman.erin@epa.gov, hulting.melissa@epa.gov, Jennifer Ostermeier/R5/USEPA/US@EPA, Bill Bolen/R5/USEPA/US@EPA, Margaret Guerriero/R5/USEPA/US@EPA, karl.richard@epa.gov, hyde.tinka@epa.gov, newton.cheryl@epa.gov, Mary Setnicar/R5/USEPA/US@EPA, Dan Hopkins/R5/USEPA/US@EPA, gonzalez.rafaelp@epa.gov, westlake.kenneth@epa.gov, Diane Nelson/R5/USEPA/US@EPA, Joan Tanaka/R5/USEPA/US@EPA, Timothy Henry/R5/USEPA/US@EPA, Dean Maraldo/R5/USEPA/US@EPA, Ryan Bahr/R5/USEPA/US@EPA, Christopher Korleski/R5/USEPA/US@EPA, Jean Hogan-Chereskin/R5/USEPA/US@EPA, Michael Harris/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Sharon Jaffess/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Karen Mark/R5/USEPA/US@EPA, Francisco Arcaute/R5/USEPA/US@EPA, Robert Tolpa/R5/USEPA/US@EPA, Alan Walts/R5/USEPA/US@EPA, George Czerniak/R5/USEPA/US@EPA, John Mooney/R5/USEPA/US@EPA, Debbie Baltazar/R5/USEPA/US@EPA, gebien.charles@epa.gov, ribordy.mike@epa.gov, simon.verneta@epa.gov, Matthew Didier/R5/USEPA/US@EPA, Megan McSeveney/R5/USEPA/US@EPA, Mindy Clements/R5/USEPA/US@EPA, Lauren Bumba/R5/USEPA/US@EPA, Mike Rogers/R5/USEPA/US@EPA, gierzczak.john@epa.gov,

Non-Responsive



JOHN PETERSON  
Writer/Editor  
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U.S. EPA Region 5  
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Chicago, IL 60604-3590  
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Cell: 708-334-7594

EPA-R5-2014-006378RR-68

Maryann  
Suero/R5/USEPA/US  
02/15/2012 08:57 AM

To Carole Braverman  
cc  
bcc  
Subject Re: clyde material

Here are a couple of the summaries we've developed for this as background



Clyde\_Summary\_August\_15\_B.docx SANDUSKY QUESTIONS JAN 5 2012 - HOT LINE CALLS.pdf

All of the state and local health department data and reports are posted on line at Ohio EPA or Sandusky County Health Department,  
<http://www.epa.ohio.gov/pic/clyde.aspx> and <http://www.alwayschoosehealth.com/> (left side bar)

What role do you anticipate playing in this effort?

maryann

Carole Braverman

Hi Maryann Do you have any materi...

02/15/2012 08:42:52 AM

From: Carole Braverman/R5/USEPA/US  
To: Maryann Suero/R5/USEPA/US@EPA  
Date: 02/15/2012 08:42 AM  
Subject: clyde material

---

Hi Maryann

Do you have any material for the clyde meeting that would help me understand the background and current work?

Carole T. Braverman, Ph.D.  
Regional Science Liaison to ORD  
U.S.EPA Region 5  
77 West Jackson Blvd ML-10C  
Chicago, IL 60604  
Phone: (312) 353-7359  
[braverman.carole@epa.gov](mailto:braverman.carole@epa.gov)



Virginia  
Narsete/R5/USEPA/US  
08/22/2012 12:26 PM

I only forwarded his note to a couple people. I just told him thanks and I will forward it on to the appropriate folks.

| Category      | Stimulus      | Percentage |
|---------------|---------------|------------|
| Nonresponsive | Nonresponsive | ~95%       |
|               | Responsive    | ~98%       |
|               | Responsive    | ~99%       |
|               | Responsive    | ~100%      |
|               | Responsive    | ~75%       |
| Responsive    | Responsive    | ~95%       |
|               | Responsive    | ~100%      |
|               | Responsive    | ~98%       |
|               | Responsive    | ~99%       |
|               | Responsive    | ~85%       |

Mark Johnson, PhD, DABT  
Regional Director/ Senior Environmental Health Scientist  
ATSDR-Region 5  
77 West Jackson Blvd.  
Chicago, IL 60604  
e-mail: [mkj5@cdc.gov](mailto:mkj5@cdc.gov)

phone: 312-353-3436 (office)

-----Virginia Narsete/R5/USEPA/US wrote: -----

To: Mark Durno/R5/USEPA/US@EPA  
From: Virginia Narsete/R5/USEPA/US  
Date: 08/21/2012 12:40PM  
Cc: LANCE VLCEK/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Mark Johnson/R5/USEPA/US@EPA  
Subject: Re: Fw: Clyde Cancer Cluster From **Nonresponsive**

He is convinced he knows the causes of the childrens cancer . Thanks for forwarding to Maryann

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

Mark Durno---08/21/2012 11:55:29 AM---Lance / Steve, This is way out of our lane in removal, although, it would be good information to sha

From: Mark Durno/R5/USEPA/US  
To: LANCE VLCEK/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA,  
Cc: Virginia Narsete/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Mark Johnson  
Date: 08/21/2012 11:55 AM  
Subject: Fw: Clyde Cancer Cluster From **Nonresponsive**

---

Lance / Steve,

This is way out of our lane in removal, although, it would be good information to share with the health folks as an FYI (I've cc'd Maryann and Mark J. in case they aren't already aware)

Ginny - I'll give you a shout when I can - on a call the rest of the day...

md

---

Mark Durno  
Chief, Response Section 1  
U.S. EPA Region V  
25089 Center Ridge Road  
Westlake, OH 44145  
440-250-1743

Virginia Narsete---08/20/2012 02:25:25 PM---I believe you all may want to look into this from this Professor from Ohio State.. Ginny Narsete Co

From: Virginia Narsete/R5/USEPA/US  
To: LANCE VLCEK/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA,  
Date: 08/20/2012 02:25 PM  
Subject: Fw: Clyde Cancer Cluster From Nonresponsive

---

I believe you all may want to look into this from this Professor from Ohio State ..

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

----- Forwarded by Virginia Narsete/R5/USEPA/US on 08/20/2012 01:21 PM -----

From: Nonresponsive  
To: Virginia Narsete/R5/USEPA/US@EPA,  
Date: 08/14/2012 08:38 AM  
Subject: Clyde Cancer Cluster

---

Hi Virginia,

I will try to organize my thoughts on the cancer cluster in this email. I have attached my Vita so folks can see who I am. You could also Google: Nonresponsive, fish, cancer, tumor. My research has been on cancer epizootiology (animals, in my case fish) rather than cancer epidemiology (humans), but the same principals apply. Having spent 30 years + proving that fish cancer clusters (in particular liver cancers, both hepatic and biliary) are caused by environmental carcinogens (most often PAHs like benzo(a)pyrene and its friends and relatives), I am of the firm opinion that human cancer clusters also have a cause and that the cause is almost certainly an environmental carcinogen. This is not, unfortunately, the assumption of some state people charged with investigating these clusters (the Naysayers) who think they may just be random events triggered by genetics or smoking or fairy dust (or something), and who never expect to find an answer. When you don't expect to find an answer you usually won't. My interest in this case was that I felt childhood cancer clusters were not being given the effort they deserved. I am not being paid in any way by anybody for anything related to the Clyde cancer cluster. Everything I present is derived from articles on the internet and my own research experience. In other words I have not had access to the actual data in this case. My hypothesis lends itself to falsification by checking on the timing of some events, which I will get to later.

My starting point to look for an answer was to see what environmental carcinogens (or other factors) had been demonstrated to cause the type of childhood cancers seen in Clyde. I must admit I had a hunch about what I would find, based on my own research on a fish cancer cluster at the Massachusetts Military Reservation (old Otis Air Force Base) on Cape Cod. Therefore I took two of the childhood cancers found in Clyde, acute myeloid leukemia and lymphoblastic leukemia, and typed them into Google with the word "etiology". Running through the leads one finds several other cancer clusters that had the same childhood cancers and that were linked to environmental chemicals. I suggest you Google the following cancer clusters: Wooster, Mass. (old); Camp Lejeune, NC (new); and Fort Detrick (very new, you need to find a July 2012 article to see the cause/effect relationship assigned). There are some other locations as well, particularly two RCA locations, one in Taoyuan, Taiwan, and one in Pennsylvania. At all of these sites the chemical found to be a causal factor was the solvent TCE and its friends and relatives (VOCs like PCE). TCE is now classified as a known human carcinogen, including by the EPA just last October.

From this information it seems a waste of time to pursue hundreds of chemical compounds which have no record of causing the types of childhood cancer seen in Clyde. A better use of time would be to ask what industry or industries might have had sufficient solvent waste streams to cause a cancer outbreak. Obviously Whirlpool would be number one on the list. I think there was a now closed paint recycling facility near-by also, so the dates of its operation should be checked.

But wait!, you say, our field monitoring data has not shown high levels of VOCs in the water or the air! And of course at this point the Naysayers say "Well it couldn't be that then". What I say is I know it has to be something and VOCs are by far the most likely culprits; therefore someone either shut down or changed a process to eliminate the solvent discharge. At this point the Naysayers say "Well I'm sure Whirlpool hasn't kept/won't give us/didn't monitor that data, so we can just give up." Unless of course some employee, speaking with a local paper and doing sort of a victory lap on how clean Whirlpool is, provided unasked for information that might be of use. So I will quote from an article in the Toledo Blade by Tom Henry published on May 16, 2011 and entitled "Clyde child-cancer cluster likely to remain a mystery". The following is under the subheading "Pollution decline": "Robert J. Karwowski, Whirlpool environmental, health and safety director, said those classes of chemical releases (VOCs) have been on the decline with the company's conversion to powder paints instead of spray paints. Powder paints cling to metal with electro-magnetic force and are baked on the steel, resulting in far fewer air emissions than in the past, he said. Last year's releases of volatile organic compounds were down to 181 tons, Mr. Karwowski said."

Thus one question is what made those earlier paints so sprayable, and exactly how many tons of VOCs were they emitting during the active years of the cluster? Actually I think Whirlpool may have been using water based paints before this final switch. However water based paints also have solvents, just less of them than the old solvent based paints. Here however we can finally focus on one of the biggest factors that can

falsify an epidemiological hypothesis (or lend it more credence). We know from the Camp Lejeune and other studies that cancer can be initiated in children in utero . Thus the end of the cancer cluster (if it has ended) should correspond roughly to the date of conception of the last child to be diagnosed . This should be a date that you folks have access to. It might be that the child was effected slightly later , however the first three years, rather than the time of diagnosis are a better marker of initiation . Cancers are known to have a latent period, a waiting period, often of many years for longer lived species, between initiation and promotion and between promotion and growth to a diagnosable size. Then what needs to be done is see when the various changes in paint type or other solvent related processes took place at Whirlpool (or elsewhere). Did the timing of those changes correspond to the end of the cancer cluster ? Notice that Whirlpool tracked the total VOC amounts , and thus has some record of changes . Also if the state of Ohio or the US does not require tracking TCE specifically , that is a problem that needs new regulation .

Please note that I am not saying the scenario I have outlined is positively the way things happened. However I do feel strongly that it is the most reasonable theory presently available. Certainly from a court of law standpoint, the lack of exposure values would be a large problem. I am assuming that the dissemination of the VOCs was aerial, since, according to my understanding, not all victims used the same water source. Also I would expect the VOCs to be detectable in the water for a reasonably long time (although admittedly at rapidly declining levels) as opposed to stack emissions which would be gone the next day.

I came across a court case that failed to collect damages by linking TCE to human cancer and diseases. The defense lawyers used a "but for" defense. They asked the plaintiff's experts whether individual child X would have not contracted, say, leukemia "but for" exposure to TCE. Of course the experts had to say they didn't know. However this question is based on an inaccurate premise. The best analogy would be a pro baseball player who starts taking steroids. He was able to hit an average or even above average amount of home runs before he started taking the drug . However after taking the drug he was hitting way over normal production (including his own former statistics). If a lawyer said, "Can you state that the home run in the fifth inning of the game against the White Sox in June of 2009 would not have been a home run "but for" taking steroids, then the answer again would have to be "I don't know". However the real answer is that the amount of home runs in aggregate would not have been hit "but for" the steroid use. Similarly the total number of childhood cancer cases would not have occurred "but for" exposure to environmental carcinogens.

Sorry to be so long winded. Please feel free to contact me if you need something clarified or would like further information. I did mention these ideas to whoever was manning Senator Sherrod Brown's phone. He took a few notes, but since I never even reached an actual staff member, I am not sure in anything got through. Certainly I can be convinced that my idea is wrong if the data seems to refute my premise . However if I remain convinced that this is the most reasonable scenario , and if it looks as though you cannot pursue it, I would, for the sake of my conscience, probably take this directly

to the victims and their lawyers sometime in the fall . At the very least I would want them to know that things like genetics , smoking, and random bad luck are never involved in such clusters.

Sincerely,

Nonresponsive

[attachment "PCB VITA 2012.doc" deleted by Mark Durno/R5/USEPA/US]

EPA-R5-2014-006378RR-70

Maryann  
Suero/R5/USEPA/US  
07/13/2012 08:37 AM

To Margaret Guerriero, Michael Harris, Mardi Klevs, Edward  
Master  
cc  
bcc  
Subject Fw: Clyde Control Correspondence

I spoke with Mark Durno this morning about this White House control correspondence (for R5 DD signature) about the Clyde Cancer investigation, and he agreed Superfund would be the best lead for the response with our input. The main theme of the letter to the president, dated March 2012, is that there has been no federal investigation. Since Superfund has been the lead on the current federal investigation it seems to me that they're in the best position to respond, with our input.

maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 07/13/2012 08:30 AM -----

From: Mark Durno/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA, James Justice, Maryann Suero/R5/USEPA/US@EPA  
Date: 07/13/2012 08:17 AM  
Subject: Control

---

----- Forwarded by Mark Durno/R5/USEPA/US on 07/13/2012 09:16 AM -----

From: SFDIO  
To: Jason El-Zein/R5/USEPA/US@EPA,  
Cc: Mark Durno/R5/USEPA/US@EPA  
Date: 07/12/2012 12:14 PM  
Subject: Control AX-12-001-150-WH Clyde Cancer Cluster  
Sent by: Bertanna Louie

---

Good morning Jason,

Should Mark Durno be assigned the attached control? It was suggested that this control be shared with LCD.

What are you thoughts?

Thank you,

Bertanna  
SFDIO



Control Slip AX-12-001-1508-WH.pdf

----- Forwarded by Mark Durno/R5/USEPA/US on 07/13/2012 09:16 AM -----

From: SFDIO  
To: Mark Durno/R5/USEPA/US@EPA,  
Cc: SFDIO@EPA, Jason El-Zein/R5/USEPA/US@EPA  
Date: 07/12/2012 02:15 PM  
Subject: Re: Control AX-12-001-150-WH Clyde Cancer Cluster  
Sent by: Bertanna Louie

---



Control AX-12-001-1508-WH.pdf



EPA-R5-2014-006378RR-71

**Mardi Klevs/R5/USEPA/US**

03/01/2012 10:49 AM

To Susan Hedman

cc Michael Harris, "Margaret Guerriero", suero.maryann

bcc

Subject Eastern Sandusky Cancer Data Research Question

Susan, I am acting for Margaret Guerriero today because Mike Harris is on travel today . He asked me to send you the document that was developed for the Eastern Sandusky Cancer Data Research request.



Eastern\_Sandusky\_Cancer\_Data\_Research\_Question\_March\_2012.docx

Mardi Klevs  
Chief  
Chemicals Management Branch  
Land and Chemicals Division  
U.S. EPA  
77 W. Jackson (LC-8J)  
Chicago, IL 60604  
312-353-5490  
fax: 312-385-5528

klevs.mardi@epa.gov

EPA-R5-2014-006378RR-72

Susan  
Hedman/R5/USEPA/US  
03/01/2012 08:53 PM

To: Mardi Klevs  
cc: "Margaret Guerriero", Michael Harris, suero.maryann  
bcc:  
Subject: Re: Eastern Sandusky Cancer Data Research Question

Thanks -- the format is much improved -- but I don't think that's the question we are seeking to answer.

Nonresponsive

Please check in with Peter.

Susan Hedman  
Regional Administrator - Region 5  
Great Lakes National Program Manager  
U.S. Environmental Protection Agency  
77 West Jackson, 19th Floor  
Chicago, IL 60604

From: Mardi Klevs/R5/USEPA/US  
To: Susan Hedman/R5/USEPA/US@EPA  
Cc: Michael Harris/R5/USEPA/US, "Margaret Guerriero" <guerriero.margaret@epa.gov>, suero.maryann@epa.gov  
Date: 03/01/2012 10:49 AM  
Subject: Eastern Sandusky Cancer Data Research Question

---

Susan, I am acting for Margaret Guerriero today because Mike Harris is on travel today. He asked me to send you the document that was developed for the Eastern Sandusky Cancer Data Research request.

Mardi Klevs  
Chief  
Chemicals Management Branch  
Land and Chemicals Division  
U.S. EPA  
77 W. Jackson (LC-8J)  
Chicago, IL 60604  
312-353-5490  
fax: 312-385-5528



klevs.mardi@epa.gov Eastern\_Sandusky\_Cancer\_Data\_Research\_Question\_March\_2012.docx

Virginia  
Narsete/R5/USEPA/US  
04/03/2012 04:21 PM

Steve, we may want to close down the Hotline by the 13th of April. At the Feb press conference, we mentioned to the press that will keep the line up for two more months and that would be April 13th. All calls can be transferred to me if you want as a transition. I believe Carol is only getting one per week. We don't need a press release telling everyone it is closed down since we will still have a mechanism in place to return calls. If you are good, then I'll start making arrangements with the phone folks to close down the line. .

|               |                                                                                                                                                                                                                                                                                                                                                         |                        |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Stephen Wolfe | Several Questions/Comments: 1) Attac...                                                                                                                                                                                                                                                                                                                 | 04/02/2012 01:41:42 PM |
| From:         | Stephen Wolfe/R5/USEPA/US                                                                                                                                                                                                                                                                                                                               |                        |
| To:           | Sharon Jaffess/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA                                                                                                                                                                                                                                                                                              |                        |
| Cc:           | Carol Ropski/R5/USEPA/US@EPA, FRED BARTMAN/R5/USEPA/US@EPA, James Justice/R5/USEPA/US@EPA, Jason El-Zein/R5/USEPA/US@EPA, LANCE VLCEK/R5/USEPA/US@EPA, MARGARET HERRING/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Michael Bednarz/R5/USEPA/US@EPA, THOMAS MARKS/R5/USEPA/US@EPA, Virginia Narsete/R5/USEPA/US@EPA, WILLIAM RYCZEK/R5/USEPA/US@EPA |                        |
| Date:         | 04/02/2012 01:41 PM                                                                                                                                                                                                                                                                                                                                     |                        |
| Subject:      | Re: Fw: URGENT - Hot Issue Request for OH and MI, Deadline - ASAP                                                                                                                                                                                                                                                                                       |                        |

Several Questions/Comments:

[illegible]

Nonresponsive



Updated Eastern Sandusky County Dumps Assessment\_Hot issue\_040212.docx

Thanks,

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718

Fax: 440.250.1750

Sharon Jaffess

Eastern Sandusky Team (ECAB) - plea...

04/02/2012 01:32:28 PM

From: Sharon Jaffess/R5/USEPA/US  
To: Carol Ropski/R5/USEPA/US@EPA, WILLIAM RYCZEK/R5/USEPA/US@EPA, THOMAS MARKS/R5/USEPA/US@EPA, Michael Bednarz/R5/USEPA/US@EPA, MARGARET HERRING/R5/USEPA/US@EPA, FRED BARTMAN/R5/USEPA/US@EPA, LANCE VLCEK/R5/USEPA/US@EPA, Virginia Narsete/R5/USEPA/US@EPA  
Cc: Maryann Suero/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, James Justice/R5/USEPA/US@EPA, Jason El-Zein/R5/USEPA/US@EPA  
Date: 04/02/2012 01:32 PM  
Subject: Fw: URGENT - Hot Issue Request for OH and MI, Deadline - ASAP

Nonresponsive

Please see what you can get up to Mark by today so that Mark can get the update to John Peterson and Anne Rowan ASAP. Please keep me informed and let me know if you have any questions.

Thanks,  
Sharon

----- Forwarded by Sharon Jaffess/R5/USEPA/US on 04/02/2012 12:22 PM -----

From: John Peterson/R5/USEPA/US  
To: rowan.anne@epa.gov, Phillippa Cannon/R5/USEPA/US@EPA, Wendy Carney/R5/USEPA/US@EPA, Kevin Pierard/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, William Walter/R5/USEPA/US@EPA, John Haugland/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Jerri-Anne Garl/R5/USEPA/US@EPA, Bruce Sypniewski/R5/USEPA/US@EPA, Douglas Ballotti/R5/USEPA/US@EPA, THOMAS SHORT/R5/USEPA/US@EPA, gawlinski.denise@epa.gov, Jason El-Zein/R5/USEPA/US@EPA, LAWRENCE SCHMITT/R5/USEPA/US@EPA, Robert Kaplan/R5/USEPA/US@EPA, Bertram Frey/R5/USEPA/US@EPA, David Cowgill/R5/USEPA/US@EPA, Elissa Speizman/R5/USEPA/US@EPA, David Taliaferro/R5/USEPA/US@EPA, Richard Nagle/R5/USEPA/US@EPA, John Peterson/R5/USEPA/US@EPA, Ronna Beckmann/R5/USEPA/US@EPA, Linda Holst/R5/USEPA/US@EPA, Marietta Newell/R5/USEPA/US@EPA, Cameron Davis/R5/USEPA/US@EPA, Peter Cassell/R5/USEPA/US@EPA, moloney.mark@epa.gov, poy.thomas@epa.gov, newman.erin@epa.gov, hulting.melissa@epa.gov, Jennifer Ostermeier/R5/USEPA/US@EPA, Bill Bolen/R5/USEPA/US@EPA, Margaret Guerriero/R5/USEPA/US@EPA, karl.richard@epa.gov, hyde.tinka@epa.gov, newton.cheryl@epa.gov, Mary Setnicar/R5/USEPA/US@EPA, Dan Hopkins/R5/USEPA/US@EPA, gonzalez.rafaelp@epa.gov, westlake.kenneth@epa.gov, Diane Nelson/R5/USEPA/US@EPA, Joan Tanaka/R5/USEPA/US@EPA, Timothy Henry/R5/USEPA/US@EPA, Dean Maraldo/R5/USEPA/US@EPA, Ryan Bahr/R5/USEPA/US@EPA, Christopher Korleski/R5/USEPA/US@EPA, Jean Hogan-Chereskin/R5/USEPA/US@EPA, Michael Harris/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Sharon Jaffess/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Karen Mark/R5/USEPA/US@EPA, Francisco Arcaute/R5/USEPA/US@EPA, Robert Tolpa/R5/USEPA/US@EPA, Alan Walts/R5/USEPA/US@EPA, George Czerniak/R5/USEPA/US@EPA, John Mooney/R5/USEPA/US@EPA, Debbie Baltazar/R5/USEPA/US@EPA, gebien.charles@epa.gov, ribordy.mike@epa.gov, simon.verneta@epa.gov, Matthew Didier/R5/USEPA/US@EPA, Megan McSeveney/R5/USEPA/US@EPA, Mindy Clements/R5/USEPA/US@EPA, Lauren Bumba/R5/USEPA/US@EPA, Mike Rogers/R5/USEPA/US@EPA, gierzak.john@epa.gov, novak.paul@epa.gov, barna.david@epa.gov, auker.karla@epa.gov, stimple.brad@epa.gov, furio.brooke@epa.gov, zavallo.amy@epa.gov  
Date: 04/02/2012 12:15 PM  
Subject: URGENT - Hot Issue Request for OH and MI, Deadline - ASAP

---

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[attachment "Hot OH-Cleveland Issues FINALv .2-16-12.doc" deleted by Stephen Wolfe /R5/USEPA/US]

JOHN PETERSON  
Writer/Editor  
Office of Public Affairs (mail code P-19J)  
U.S. EPA Region 5  
77 W. Jackson Blvd.  
Chicago, IL 60604-3590  
Office: 312-886-9858  
Cell: 708-334-7594

EPA-R5-2014-006378RR-74

**Mark Durno/R5/USEPA/US**

07/13/2012 08:17 AM

To Stephen Wolfe, James Justice, Maryann Suero

cc

bcc

Subject Control

----- Forwarded by Mark Durno/R5/USEPA/US on 07/13/2012 09:16 AM -----

From: SFDIO  
To: Jason El-Zein/R5/USEPA/US@EPA,  
Cc: Mark Durno/R5/USEPA/US@EPA  
Date: 07/12/2012 12:14 PM  
Subject: Control AX-12-001-150-WH Clyde Cancer Cluster  
Sent by: Bertanna Louie

---

Good morning Jason,

Should Mark Durno be assigned the attached control? It was suggested that this control be shared with LCD.

What are you thoughts?

Thank you,

Bertanna  
SFDIO



**Control Slip AX-12-001-1508-WH.pdf**

----- Forwarded by Mark Durno/R5/USEPA/US on 07/13/2012 09:16 AM -----

From: SFDIO  
To: Mark Durno/R5/USEPA/US@EPA,  
Cc: SFDIO@EPA, Jason El-Zein/R5/USEPA/US@EPA  
Date: 07/12/2012 02:15 PM  
Subject: Re: Control AX-12-001-150-WH Clyde Cancer Cluster  
Sent by: Bertanna Louie

---



**Control AX-12-001-1508-WH.pdf**



EPA-R5-2014-006378RR-75

Maryann  
Suero/R5/USEPA/US  
07/13/2012 03:30 PM

To Mark Durno  
cc James Justice, Stephen Wolfe, Margaret Guerriero, Michael  
Harris, Mardi Klevs, Edward Master  
bcc  
Subject Suero Input: Control / AX-12-001-1508-WH

Mark,

Here's a draft response from my perspective :

Non-Responsive



Let me know if you think this is adequate input for the LCD portion of the response and please let me see your draft(s) as you go forward.

Thanks,  
maryann

Mark Durno

----- Forwarded by Mark Durno/R5/USE...

07/13/2012 08:17:46 AM

From: Mark Durno/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA, James Justice, Maryann Suero/R5/USEPA/US@EPA  
Date: 07/13/2012 08:17 AM  
Subject: Control

---

----- Forwarded by Mark Durno/R5/USEPA/US on 07/13/2012 09:16 AM -----

From: SFDIO  
To: Jason El-Zein/R5/USEPA/US@EPA,  
Cc: Mark Durno/R5/USEPA/US@EPA  
Date: 07/12/2012 12:14 PM  
Subject: Control AX-12-001-150-WH Clyde Cancer Cluster  
Sent by: Bertanna Louie

---

Good morning Jason,

Should Mark Durno be assigned the attached control? It was suggested that this control be shared with LCD.

What are you thoughts?

Thank you,

Bertanna  
SFDIO

[attachment "Control Slip AX-12-001-1508-WH.pdf" deleted by Maryann Suero/R5/USEPA/US]  
----- Forwarded by Mark Durno/R5/USEPA/US on 07/13/2012 09:16 AM -----

From: SFDIO  
To: Mark Durno/R5/USEPA/US@EPA,  
Cc: SFDIO@EPA, Jason El-Zein/R5/USEPA/US@EPA  
Date: 07/12/2012 02:15 PM  
Subject: Re: Control AX-12-001-150-WH Clyde Cancer Cluster  
Sent by: Bertanna Louie

---

[attachment "Control AX-12-001-1508-WH.pdf" deleted by Maryann Suero/R5/USEPA/US]

EPA-R5-2014-006378RR-76

Peter Swenson /R5/USEPA/US

To Maryann Suero

06/01/2012 08:27 AM

cc

bcc

Subject Re: Control AX-12000-8973-WH (re: Whirlpool, Clyde, OH, possible RCRA issues)

Maryann

Here is the letter and the note I sent to Superfund

Peter

---

Virginia and Sharon

LCD was assigned the attached control yesterday and Water Division was asked to provide input. LCD does not believe they are the appropriate group to respond.

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Can you let me know what you think?



20120531092611392.pdf

Thanks

Peter Swenson (WW-16J)  
Chief, Watersheds and Wetlands Branch  
U.S. EPA, Region 5  
77 W. Jackson Boulevard  
Chicago, IL 60604  
312-886-0236

Peter Swenson (WW-16J)  
Watersheds and Wetlands Branch  
U.S. EPA, Region 5  
77 W. Jackson Boulevard  
Chicago, IL 60604  
312-886-0236

Maryann Suero

Would you please share the citizen's le...

06/01/2012 08:20:16 AM

From: Maryann Suero/R5/USEPA/US  
To: Peter Swenson/R5/USEPA/US@EPA  
Cc: Sharon Jaffess/R5/USEPA/US@EPA, Virginia Narsete/R5/USEPA/US@EPA, SFDIO@EPA, Mark Durno/R5/USEPA/US@EPA, Dean Maraldo/R5/USEPA/US@EPA, Jennifer Beese/R5/USEPA/US@EPA, Gary Victorine/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Michael Harris/R5/USEPA/US@EPA  
Date: 06/01/2012 08:20 AM

Subject: Re: Control AX-12000-8973-WH (re: Whirlpool, Clyde, OH, possible RCRA issues)

---

Would you please share the citizen's letter with us?

Thanks,  
maryann

\*\*\*\*\*

**Maryann E. Suero, PhD**  
**US EPA Region 5 (IL, IN, MI, MN, OH, WI)**  
**Environmental Health Scientist**  
**Children's Health Program Manager**  
**77 W. Jackson Blvd. (LC-8J)**  
**Chicago, IL 60604**  
**Phone (312) 886-9077**  
**Fax (312) 697-2558**  
**suero.maryann@epa.gov**

\*\*\*\*\*

---

|               |                                          |                        |
|---------------|------------------------------------------|------------------------|
| Peter Swenson | Thank you very much Sharon! I will pu... | 06/01/2012 08:12:42 AM |
|---------------|------------------------------------------|------------------------|

From: Peter Swenson/R5/USEPA/US  
To: Sharon Jaffess/R5/USEPA/US@EPA  
Cc: Virginia Narsete/R5/USEPA/US@EPA, SFDIO@EPA, Mark Durno/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Dean Maraldo/R5/USEPA/US@EPA, Jennifer Beese/R5/USEPA/US@EPA  
Date: 06/01/2012 08:12 AM  
Subject: Re: Control AX-12000-8973-WH

---

Thank you very much Sharon!

I will put together a draft response and share it with you. Do you have suggestions for who in LCD might help? I am copying Maryann Suero as I understand she's been involved in Clyde.

Peter Swenson (WW-16J)  
Chief, Watersheds and Wetlands Branch  
U.S. EPA, Region 5  
77 W. Jackson Boulevard  
Chicago, IL 60604  
312-886-0236

---

|                |                                          |                        |
|----------------|------------------------------------------|------------------------|
| Sharon Jaffess | Hi Peter, Absolutely we can help. How... | 05/31/2012 04:23:24 PM |
|----------------|------------------------------------------|------------------------|

From: Sharon Jaffess/R5/USEPA/US  
To: Peter Swenson/R5/USEPA/US@EPA  
Cc: Virginia Narsete/R5/USEPA/US@EPA, SFDIO@EPA, Mark Durno/R5/USEPA/US@EPA  
Date: 05/31/2012 04:23 PM  
Subject: Re: Control AX-12000-8973-WH

---

Hi Peter,

Nonresponsive

[Redacted]

[Redacted]

Non-Responsive



Sharon Jaffess, Chief  
Enforcement and Compliance Assurance Branch  
Superfund Division / EPA Region 5  
77 W. Jackson Blvd. (SC-5J)  
Chicago, IL 60604  
312-353-0536  
jaffess.sharon@epa.gov

EPA-R5-2014-006378RR-77

**Stephen Wolfe /R5/USEPA/US**

07/16/2012 07:44 AM

To Mark Durno

cc James Justice, Maryann Suero

bcc

Subject Re: Control

Mark,

I pasted in Maryann's response (in black) and included the basic information for our response (blue) -- let me know if you need anything else



Eastern Sandusky - Shaun Bush Control.docx

Thanks,

---

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718

Fax: 440.250.1750

Mark Durno

----- Forwarded by Mark Durno/R5/USE...

07/13/2012 09:17:46 AM

---

From: Mark Durno/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA, James Justice, Maryann Suero/R5/USEPA/US@EPA,  
Date: 07/13/2012 09:17 AM  
Subject: Control

---

----- Forwarded by Mark Durno/R5/USEPA/US on 07/13/2012 09:16 AM -----

---

From: SFDIO  
To: Jason El-Zein/R5/USEPA/US@EPA,  
Cc: Mark Durno/R5/USEPA/US@EPA  
Date: 07/12/2012 12:14 PM  
Subject: Control AX-12-001-150-WH Clyde Cancer Cluster  
Sent by: Bertanna Louie

---

Good morning Jason,

Should Mark Durno be assigned the attached control? It was suggested that this control be shared with LCD.

What are you thoughts?

Thank you,

Bertanna  
SFDIO

[attachment "Control Slip AX-12-001-1508-WH.pdf" deleted by Stephen Wolfe/R5/USEPA/US]  
----- Forwarded by Mark Durno/R5/USEPA/US on 07/13/2012 09:16 AM -----

From: SFDIO  
To: Mark Durno/R5/USEPA/US@EPA,  
Cc: SFDIO@EPA, Jason El-Zein/R5/USEPA/US@EPA  
Date: 07/12/2012 02:15 PM  
Subject: Re: Control AX-12-001-150-WH Clyde Cancer Cluster  
Sent by: Bertanna Louie

---

[attachment "Control AX-12-001-1508-WH.pdf" deleted by Stephen Wolfe/R5/USEPA/US]

EPA-R5-2014-006378RR-78

Maryann  
Suero/R5/USEPA/US  
07/16/2012 08:31 AM

To Stephen Wolfe  
cc Mark Durno, James Justice  
bcc  
Subject Re: Control

Nonresponsive

maryann

Stephen Wolfe Mark, I pasted in Maryann's response (i... 07/16/2012 07:44:40 AM

From: Stephen Wolfe/R5/USEPA/US  
To: Mark Durno/R5/USEPA/US@EPA  
Cc: James Justice/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA  
Date: 07/16/2012 07:44 AM  
Subject: Re: Control

Mark,

I pasted in Maryann's response (in black) and included the basic information for our response (blue) -- let me know if you need anything else

[attachment "Eastern Sandusky - Shaun Bush Control.docx" deleted by Maryann Suero/R5/USEPA/US]

Thanks,

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718  
Fax: 440.250.1750

Mark Durno ----- Forwarded by Mark Durno/R5/USE... 07/13/2012 09:17:46 AM

From: Mark Durno/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA, James Justice, Maryann Suero/R5/USEPA/US@EPA,  
Date: 07/13/2012 09:17 AM  
Subject: Control

----- Forwarded by Mark Durno/R5/USEPA/US on 07/13/2012 09:16 AM -----

From: SFDIO  
To: Jason El-Zein/R5/USEPA/US@EPA,  
Cc: Mark Durno/R5/USEPA/US@EPA  
Date: 07/12/2012 12:14 PM



Subject: Control AX-12-001-150-WH Clyde Cancer Cluster  
Sent by: Bertanna Louie

---

Good morning Jason,

Should Mark Durno be assigned the attached control? It was suggested that this control be shared with LCD.

What are you thoughts?

Thank you,

Bertanna  
SFDIO

[attachment "Control Slip AX-12-001-1508-WH.pdf" deleted by Stephen Wolfe/R5/USEPA/US]  
----- Forwarded by Mark Durno/R5/USEPA/US on 07/13/2012 09:16 AM -----

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To: Mark Durno/R5/USEPA/US@EPA,  
Cc: SFDIO@EPA, Jason El-Zein/R5/USEPA/US@EPA  
Date: 07/12/2012 02:15 PM  
Subject: Re: Control AX-12-001-150-WH Clyde Cancer Cluster  
Sent by: Bertanna Louie

---

[attachment "Control AX-12-001-1508-WH.pdf" deleted by Stephen Wolfe/R5/USEPA/US]

EPA-R5-2014-006378RR-79

Joshua Singer /R5/USEPA/US

To Maryann Suero

11/26/2012 05:00 PM

cc

bcc

Subject Fw: eastern sandusky draft answers to anticipated questions

Sorry about that.

----- Forwarded by Joshua Singer/R5/USEPA/US on 11/26/2012 04:46 PM -----

From: Joshua Singer/R5/USEPA/US  
To: Yolanda Bouchee/R5/USEPA/US@EPA, Anne Rowan/R5/USEPA/US@EPA, Elissa Speizman/R5/USEPA/US@EPA, Jeff Kelley/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, RICHARD KARL/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA,  
Date: 11/26/2012 04:41 PM  
Subject: eastern sandusky draft answers to anticipated questions

---

Attached are draft answers to anticipated questions.

It is basically a compilation of info we have been preparing since last February , plus some newer material.

However, only a small amount of this material has been approved for the media and website , and it seems like all of it might be useful to plug the information vacuum .

Please let me know if you have any comments. Thanks.



Eastern Sandusky Questions and Answers November 26 2012.docx

Josh Singer  
U.S. Environmental Protection Agency  
singer.joshua@epa.gov  
312-353-5069

Yolanda Bouchee

Okay. The City Manager is off today...

11/26/2012 12:40:29 PM

From: Yolanda Bouchee/R5/USEPA/US  
To: Anne Rowan/R5/USEPA/US@EPA,  
Cc: Elissa Speizman/R5/USEPA/US@EPA, Jeff Kelley/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Karl.Richard@epa.gov, Joseph Dufficy/R5/USEPA/US@EPA, Durno.Mark@epa.gov, Stephen Wolfe/R5/USEPA/US@EPA  
Date: 11/26/2012 12:40 PM  
Subject: Re: eastern sandusky - Susan's decision and request

---

Okay. The City Manager is off today and I told Ginny to wait. How do we propose to let anyone know the website is updated if it isn't done via media?

Yolanda Bouchee  
Superfund Division, CLRB  
Chief, Community Involvement and Outreach  
77 W., Jackson

Chicago, IL 60604  
312-353-3209  
312- 385-5440 (FAX)

Anne Rowan

BEFORE Ginny contacts the city mana...

11/26/2012 12:35:45 PM

From: Anne Rowan/R5/USEPA/US  
To: Yolanda Bouchee/R5/USEPA/US@EPA,  
Cc: Elissa Speizman/R5/USEPA/US@EPA, Jeff Kelley/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Karl.Richard@epa.gov, Joseph Dufficy/R5/USEPA/US@EPA, Durno.Mark@epa.gov, Stephen Wolfe/R5/USEPA/US@EPA  
Date: 11/26/2012 12:35 PM  
Subject: Re: eastern sandusky - Susan's decision and request

Nonresponsive

Anne Rowan, Director  
Office of Public Affairs  
U.S. EPA Region 5  
312-353-9391 (office)  
rowan.anne@epa.gov

Yolanda Bouchee

I spoke to Ginny and she reminded...

11/26/2012 12:29:53 PM

From: Yolanda Bouchee/R5/USEPA/US  
To: Anne Rowan/R5/USEPA/US@EPA,  
Cc: Elissa Speizman/R5/USEPA/US@EPA, Jeff Kelley/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Karl.Richard@epa.gov, Joseph Dufficy/R5/USEPA/US@EPA, Durno.Mark@epa.gov, Stephen Wolfe/R5/USEPA/US@EPA  
Date: 11/26/2012 12:29 PM  
Subject: Re: eastern sandusky - Susan's decision and request

Nonresponsive

Non- [REDACTED] .

Yolanda Bouchee  
Superfund Division, CLRB  
Chief, Community Involvement and Outreach  
77 W., Jackson  
Chicago, Il. 60604  
312-353-3209  
312- 385-5440 (FAX)

Anne Rowan

I spoke to Yolanda who reminded me t...

11/26/2012 12:17:54 PM

From: Anne Rowan/R5/USEPA/US  
To: Elissa Speizman/R5/USEPA/US@EPA, Yolanda Bouchee/R5/USEPA/US@EPA,  
Cc: Jeff Kelley/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Karl.Richard@epa.gov,  
Joseph Dufficy/R5/USEPA/US@EPA, Durno.Mark@epa.gov, Stephen Wolfe/R5/USEPA/US@EPA  
Date: 11/26/2012 12:17 PM  
Subject: Re: eastern sandusky - Susan's decision and request

I spoke to Yolanda who reminded me that Ginny is on vacation this week although she will call her today .

The immediate issue is to clarify in plain language what the report actually says about the Whirlpool site .

So we'd need a blurb from Mark / Steve on that. (Needless to say, it would need to be approved by ORA and possibly OEAE before posting)

In addition, SF CIC section could send out a letter and/or a fact sheet to the mailing list of those who either called the E. Sandusky hotline or called about press reports following **Nonresponsive** recent press conference.

Yolanda also mentioned the possibility of a community open house or a town hall meeting but to my mind at least, that would be further down the line (not something we'd necessarily announce today).

Yolanda is not sure exactly what type of contact list Ginny has but as I said , she's attempting to reach her now.

Elissa Speizman

Susan agreed that there could be exp...

11/26/2012 11:49:33 AM

From: Elissa Speizman/R5/USEPA/US  
To: Anne Rowan/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Jeff Kelley/R5/USEPA/US@EPA,  
Date: 11/26/2012 11:49 AM  
Subject: eastern sandusky - Susan's decision and request

**Non-Responsive** [REDACTED]  
[REDACTED]

Non-Responsive

Anne is on a call right now, so we can't meet before I have to sit in on videoconference - noon - 1 p.m..

Please try to have conversation with CI Section about this while I'm on the videoconference so we can move forward.

Thanks.

EPA-R5-2014-006378RR-80

Mardi Klevs/R5/USEPA/US

03/02/2012 11:09 AM

To Peter Orris

cc Edward Master, Mardi Klevs, Margaret Guerriero, Maryann Suero, Michael Harris

bcc

Subject Re: Question from Susan : Eastern Sandusky Cancer

Peter, is it ok to go with Susan Hedman's language, which was:

Nonresponsive

Mardi Klevs  
Chief  
Chemicals Management Branch  
Land and Chemicals Division  
U.S. EPA  
77 W. Jackson (LC-8J)  
Chicago, IL 60604  
312-353-5490  
fax: 312-385-5528

klevs.mardi@epa.gov

Peter Orris

Hi Mardi- The research question is not...

03/02/2012 10:51:16 AM

From: Peter Orris <porris@uic.edu>  
To: Mardi Klevs/R5/USEPA/US@EPA  
Cc: Edward Master/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Margaret Guerriero/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Michael Harris/R5/USEPA/US@EPA, Susan Hedman/R5/USEPA/US@EPA  
Date: 03/02/2012 10:51 AM  
Subject: Re: Question from Susan : Eastern Sandusky Cancer

Hi Mardi-

Nonresponsive

p

At 09:03 AM 3/2/2012 -0600, Mardi Klevs wrote:

Peter, I am embedding the paper in the message. I'm a little unclear on what, if any language needs to change. Is there anything you think that needs to be changed? I just heard that Susan is not in the office today, by the way.

March 1, 2012

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

Nonresponsive

| Category | Value (Estimated %) |
|----------|---------------------|
| 1        | 75                  |
| 2        | 95                  |
| 3        | 90                  |
| 4        | 85                  |
| 5        | 95                  |
| 6        | 92                  |
| 7        | 100                 |
| 8        | 95                  |
| 9        | 15                  |
| 10       | 95                  |
| 11       | 92                  |
| 12       | 95                  |
| 13       | 60                  |

| Response                                                      | Percentage |
|---------------------------------------------------------------|------------|
| Yes, the U.S. should take action to address climate change    | 95%        |
| No, the U.S. should not take action to address climate change | 5%         |

[REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]



Nonresponsive [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

(Embedded image moved to file: pic28770.jpg)

NOTES:

This timeline is inclusive of the Cases in the original Clyde and Green Creek Township areas but it contains those in the expanded cohort as well.

Created from data provided in ODH/Sandusky County HD Case Profile, May 2011.

Nonresponsive [REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

Nonresponsive

See attached file: 3-2-12 cdc request.docx)

Mardi Klevs  
Chief  
Chemicals Management Branch  
Land and Chemicals Division  
U.S. EPA  
77 W. Jackson (LC-8J)  
Chicago, IL 60604  
312-353-5490  
fax: 312-385-5528

klevs.mardi@epa.gov

From: Peter Orris <porris@uic.edu>  
To: Maryann Suero/R5/USEPA/US@EPA, Susan Hedman/R5/USEPA/US@EPA  
Cc: Margaret Guerriero/R5/USEPA/US@EPA, Michael  
Harris/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Edward  
Master/R5/USEPA/US@EPA  
Date: 03/02/2012 08:48 AM  
Subject: Re: Question from Susan : Eastern Sandusky Cancer

Maryann

Nonresponsive

p

At 08:13 AM 3/2/2012 -0600, Maryann Suero wrote:

Peter,

Nonresponsive [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

It might be time efficient, however, if you spoke directly with Susan.

maryann

-----Forwarded by Maryann Suero/R5/USEPA/US on 03/02/2012 07:55AM

-----

To: Mardi Klevs/R5/USEPA/US@EPA

From: Susan Hedman/R5/USEPA/US

Date: 03/01/2012 08:53PM

Cc: "Margaret Guerriero" <guerriero.margaret@epa.gov>, Michael

Harris/R5/USEPA/US@EPA, suero.maryann@epa.gov

Subject: Re: Eastern Sandusky Cancer Data Research Question

(See attached file:

Eastern\_Sandusky\_Cancer\_Data\_Research\_Question\_March\_2012.docx)

Thanks -- the format is much improved -- but I don't think that's the question we are seeking to answer. Nonresponsive [REDACTED]

Nonresponsive

Please check in with Peter.

Susan Hedman  
Regional Administrator - Region 5  
Great Lakes National Program Manager  
U.S. Environmental Protection Agency  
77 West Jackson, 19th Floor  
Chicago, IL 60604

From: Mardi Klevs/R5/USEPA/US  
To: Susan Hedman/R5/USEPA/US@EPA  
Cc: Michael Harris/R5/USEPA/US, "Margaret Guerriero"  
<guerriero.margaret@epa.gov>, suero.maryann@epa.gov  
Date: 03/01/2012 10:49 AM  
Subject: Eastern Sandusky Cancer Data Research Question

Susan, I am acting for Margaret Guerriero today because Mike Harris is on travel today. He asked me to send you the document that was developed for the Eastern Sandusky Cancer Data Research request.

Mardi Klevs  
Chief  
Chemicals Management Branch  
Land and Chemicals Division  
U.S. EPA  
77 W. Jackson (LC-8J)  
Chicago, IL 60604  
312-353-5490  
fax: 312-385-5528

klevs.mardi@epa.gov

Peter Orris, MD, MPH  
Professor and Chief of Service  
Occupational and Environmental Medicine (MC684)  
University of Illinois at Chicago Medical Center  
835 S. Wolcott Street  
Chicago, IL 60612  
Office: 312-996-5804  
Direct: 312-413-0105  
Fx 312-413-8485

Peter Orris, MD, MPH  
Professor and Chief of Service  
Occupational and Environmental Medicine (MC684)  
University of Illinois at Chicago Medical Center  
835 S. Wolcott Street  
Chicago, IL 60612  
Office: 312-996-5804  
Direct: 312-413-0105  
Fx 312-413-8485

EPA-R5-2014-006378RR-81

Michael Harris /R5/USEPA/US

02/28/2012 11:10 AM

To Susan Hedman

cc Margaret Guerriero, Carole Braverman, porris, Mark  
Johnson, Michelle Watters, Maryann Suero, Felicia Williams

bcc

Subject CDC Data Memo

Hi Susan,

Per your request, I have attached the email memo to CDC regarding Eastern Sandusky Cancer Cluster.  
Please let me know if you have any questions. Thank you.



Memo\_to\_CDC\_Data\_Feb\_2012.docx

Michael Harris  
Deputy Director  
Land and Chemicals Division  
U. S. Environmental Protection Agency, Region 5  
77 West Jackson Blvd.  
Chicago, IL 60604  
(312) 886-0760

EPA-R5-2014-006378RR-82

Maryann  
Suero/R5/USEPA/US  
04/02/2012 12:53 PM

To Mark Durno, Anton Martig  
cc Sharon Jaffess, Jean Hogan-Chereskin  
bcc  
Subject RE: CLYDE - Eastern Sandusky Investigation - URGENT -  
Hot Issue Request for OH and MI, Deadline - ASAP

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 04/02/2012 12:39 PM -----

From: Sharon Jaffess/R5/USEPA/US  
To: Carol Ropski/R5/USEPA/US@EPA, WILLIAM RYCZEK/R5/USEPA/US@EPA, THOMAS MARKS/R5/USEPA/US@EPA, Michael Bednarz/R5/USEPA/US@EPA, MARGARET HERRING/R5/USEPA/US@EPA, FRED BARTMAN/R5/USEPA/US@EPA, LANCE VLCEK/R5/USEPA/US@EPA, Virginia Narsete/R5/USEPA/US@EPA  
Cc: Maryann Suero/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, James Justice/R5/USEPA/US@EPA, Jason El-Zein/R5/USEPA/US@EPA  
Date: 04/02/2012 12:32 PM  
Subject: Fw: URGENT - Hot Issue Request for OH and MI, Deadline - ASAP

Nonresponsive

[REDACTED]

[REDACTED]

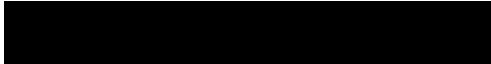
Thanks,  
Sharon

Non-Responsive

[REDACTED]

Non-Responsive





Hot OH-Cleveland Issues FINALv.2-16-12.doc

JOHN PETERSON  
Writer/Editor  
Office of Public Affairs (mail code P-19J)  
U.S. EPA Region 5  
77 W. Jackson Blvd.  
Chicago, IL 60604-3590  
Office: 312-886-9858  
Cell: 708-334-7594

EPA-R5-2014-006378RR-83

Maryann  
Suero/R5/USEPA/US  
11/27/2012 08:09 AM

To Joshua Singer  
cc Margaret Guerriero, Michael Harris, Mardi Klevs, Edward Master  
bcc  
Subject Re: Fw: eastern sandusky draft answers to anticipated questions

Josh,

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

maryann

\*\*\*\*\*

Maryann E. Suero, PhD  
US EPA Region 5 (IL, IN, MI, MN, OH, WI)  
Environmental Health Scientist  
Children's Health Program Manager  
77 W. Jackson Blvd. (LC-8J)  
Chicago, IL 60604  
Phone (312) 886-9077  
Fax (312) 697-2558  
suero.maryann@epa.gov

\*\*\*\*\*

Joshua Singer Sorry about that. ----- Forwarded by Jo... 11/26/2012 05:00:27 PM

From: Joshua Singer/R5/USEPA/US  
To: Maryann Suero/R5/USEPA/US@EPA,  
Date: 11/26/2012 05:00 PM  
Subject: Fw: eastern sandusky draft answers to anticipated questions

Sorry about that.

----- Forwarded by Joshua Singer/R5/USEPA/US on 11/26/2012 04:46 PM -----

From: Joshua Singer/R5/USEPA/US  
To: Yolanda Bouchee/R5/USEPA/US@EPA, Anne Rowan/R5/USEPA/US@EPA, Elissa Speizman/R5/USEPA/US@EPA, Jeff Kelley/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, RICHARD KARL/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA,  
Date: 11/26/2012 04:41 PM  
Subject: eastern sandusky draft answers to anticipated questions

Attached are draft answers to anticipated questions.

It is basically a compilation of info we have been preparing since last February , plus some newer material.

However, only a small amount of this material has been approved for the media and website , and it seems like all of it might be useful to plug the information vacuum .

Please let me know if you have any comments. Thanks.



Eastern Sandusky Questions and Answers November 26 2012.docx

Josh Singer  
U.S. Environmental Protection Agency  
singer.joshua@epa.gov  
312-353-5069

|                 |                                        |                        |
|-----------------|----------------------------------------|------------------------|
| Yolanda Bouchee | Okay. The City Manager is off today... | 11/26/2012 12:40:29 PM |
|-----------------|----------------------------------------|------------------------|

From: Yolanda Bouchee/R5/USEPA/US  
To: Anne Rowan/R5/USEPA/US@EPA,  
Cc: Elissa Speizman/R5/USEPA/US@EPA, Jeff Kelley/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Karl.Richard@epa.gov, Joseph Dufficy/R5/USEPA/US@EPA, Durno.Mark@epa.gov, Stephen Wolfe/R5/USEPA/US@EPA  
Date: 11/26/2012 12:40 PM  
Subject: Re: eastern sandusky - Susan's decision and request

---

Okay. The City Manager is off today and I told Ginny to wait. How do we propose to let anyone know the website is updated if it isn't done via media?

Yolanda Bouchee  
Superfund Division, CLRB  
Chief, Community Involvement and Outreach  
77 W., Jackson  
Chicago, Il. 60604  
312-353-3209  
312- 385-5440 (FAX)

|            |                                        |                        |
|------------|----------------------------------------|------------------------|
| Anne Rowan | BEFORE Ginny contacts the city mana... | 11/26/2012 12:35:45 PM |
|------------|----------------------------------------|------------------------|

From: Anne Rowan/R5/USEPA/US  
To: Yolanda Bouchee/R5/USEPA/US@EPA,  
Cc: Elissa Speizman/R5/USEPA/US@EPA, Jeff Kelley/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Karl.Richard@epa.gov, Joseph Dufficy/R5/USEPA/US@EPA, Durno.Mark@epa.gov, Stephen Wolfe/R5/USEPA/US@EPA  
Date: 11/26/2012 12:35 PM  
Subject: Re: eastern sandusky - Susan's decision and request

---

Non-Responsive

Anne Rowan, Director  
Office of Public Affairs  
U.S. EPA Region 5  
312-353-9391 (office)  
rowan.anne@epa.gov

Yolanda Bouchee | I spoke to Ginny and she reminded... 11/26/2012 12:29:53 PM

From: Yolanda Bouchee/R5/USEPA/US  
To: Anne Rowan/R5/USEPA/US@EPA,  
Cc: Elissa Speizman/R5/USEPA/US@EPA, Jeff Kelley/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Karl.Richard@epa.gov, Joseph Dufficy/R5/USEPA/US@EPA, Durno.Mark@epa.gov, Stephen Wolfe/R5/USEPA/US@EPA  
Date: 11/26/2012 12:29 PM  
Subject: Re: eastern sandusky - Susan's decision and request

Nonresponsive

Yolanda Bouchee  
Superfund Division, CLRB  
Chief, Community Involvement and Outreach  
77 W., Jackson  
Chicago, IL 60604  
312-353-3209  
312- 385-5440 (FAX)

Anne Rowan | I spoke to Yolanda who reminded me t... 11/26/2012 12:17:54 PM

From: Anne Rowan/R5/USEPA/US  
To: Elissa Speizman/R5/USEPA/US@EPA, Yolanda Bouchee/R5/USEPA/US@EPA,

Cc: Jeff Kelley/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Karl.Richard@epa.gov,  
Joseph Dufficy/R5/USEPA/US@EPA, Durno.Mark@epa.gov, Stephen Wolfe/R5/USEPA/US@EPA  
Date: 11/26/2012 12:17 PM  
Subject: Re: eastern sandusky - Susan's decision and request

---

I spoke to Yolanda who reminded me that Ginny is on vacation this week although she will call her today .

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

---

|                 |                                         |                        |
|-----------------|-----------------------------------------|------------------------|
| Elissa Speizman | Susan agreed that there could be exp... | 11/26/2012 11:49:33 AM |
|-----------------|-----------------------------------------|------------------------|

From: Elissa Speizman/R5/USEPA/US  
To: Anne Rowan/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Jeff  
Kelley/R5/USEPA/US@EPA,  
Date: 11/26/2012 11:49 AM  
Subject: eastern sandusky - Susan's decision and request

---

Non-Responsive

[REDACTED]

Anne is on a call right now, so we can't meet before I have to sit in on videoconference - noon - 1 p.m..

Please try to have conversation with CI Section about this while I'm on the videoconference so we can move forward.

Thanks.

EPA-R5-2014-006378RR-84

**Joshua Singer /R5/USEPA/US**

07/25/2012 02:06 PM

To Anne Rowan, Mark Durno, Stephen Wolfe, Alisha Johnson

cc Maryann Suero

bcc

Subject Revised Eastern Sandusky Statement and Talking Points

All:

Attached are the revised statement and talking points based on the conference call today .

I will email this statement tomorrow to reporter Scott Taylor and then to other reporters afterwards as needed.

I will also share it with our community involvement people to give to local residents .

Thanks.



DRAFT Eastern Sandusky summer update talking points.docx

Josh Singer  
U.S. Environmental Protection Agency  
singer.joshua@epa.gov  
312-353-5069

EPA-R5-2014-006378RR-85

Stephen Wolfe /R5/USEPA/US

To Maryann Suero

cc Megan McSeveney

01/10/2013 10:00 AM

bcc

Subject Re: Fw: Re: Clyde letter follow-up / Part 2

The call log doesn't have the name **Nonresponsive** **esponsive** but everything else Maryann says is correct -- grandchild in Idaho

Thanks,

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718

Fax: 440.250.1750

Maryann Suero I just googled the name Steve provided... 01/10/2013 10:17:31 AM

From: Maryann Suero/R5/USEPA/US  
To: Megan McSeveney/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA,  
Date: 01/10/2013 10:17 AM  
Subject: Re: Fw: Re: Clyde letter follow-up / Part 2

I just googled the name Steve provided, **Non-Nonresponsive** and the news article sounds very familiar.

If I remember correctly, I spoke with the GRANDFATHER of the **Nonresponsive** child that died during the height of the Hotline when Carol Ropski asked me to follow up with him. I remember because the child wasn't really considered part of the Cluster because he had been living in Idaho when he died. I spoke with the grandfather for quite a while and then referred him to the SCHD because the child was born in Sandusky Cty and lived there quite a while until he moved with his mother to ID. I also called the SCHD to let them know he was going to be calling. **Nonresponsive**

Long story, I know, but it's my rationale for thinking that this family wasn't at the meeting with Susan....not a certainty though.

I'm working from home today and my notebook is in the office so I can't even check my notes. Carol may have some record of the call though

maryann

Megan McSeveney From: Megan McSeveney/R5/USE... 01/10/2013 08:54:14 AM

From: Megan McSeveney/R5/USEPA/US  
To: Maryann Suero/R5/USEPA/US@EPA  
Date: 01/10/2013 08:54 AM  
Subject: Fw: Re: Clyde letter follow-up

Mary Ann,

Do you remember this family (see name below) attending Susans meeting? I have to meet my landlord, but will give you a call when I'm in - around 9:45.

Thanks!

-----Forwarded by Megan McSeveney/R5/USEPA/US on 01/10/2013 08:50AM -----

=====

To: Megan McSeveney/R5/USEPA/US@EPA  
From: Stephen Wolfe/R5/USEPA/US@EPA  
Date: 01/10/2013 06:00AM  
Subject: Re: Clyde letter follow-up  
=====

Hi Megan

the person that contacted Ginny is **Non- Nonresponsive**

His name is NOT on the letter from **Nonresponsive** attorney -- (that last name is **Non-** [I just added that for clarity in case someone says the name is familiar])

Thanks,

---

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718  
Fax: 440.250.1750

From: Megan McSeveney/R5/USEPA/US  
To: Douglas Ballotti/R5/USEPA/US@EPA, Richard Karl/R5/USEPA/US@EPA,  
Cc: Mark Durno/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA  
Date: 01/09/2013 06:58 PM  
Subject: Re: Clyde letter follow-up

Doug and Rick,

Steve and Ginny did not attend Susan's meeting as it pre-dated removal's involvement. Steve can send the name of the family that will be on the letter (he believes it is something like **Non-Responsive**) and I will check and see if Mary Ann remembers meeting them. Otherwise it does not look like we would have a way to find this info out. Mary Ann has told Steve that only 4 or 5 families attended that meeting.

Thanks!

From: Megan McSeveney/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA,  
Cc: Mark Durno/R5/USEPA/US@EPA, Douglas Ballotti/R5/USEPA/US@EPA



Date: 01/09/2013 05:36 PM  
Subject: Clyde letter follow-up

Steve and Mark,

We have sent the letter upstairs and received a note back from Susan . She is wondering if the family that will be receiving the letter attended Susan 's meetings with the families in Clyde? Do either of you know or would MaryAnn or Ginny possibly know? Was there a sign-in sheet at the meeting Susan held? Do we have the name of the family that contacted Ginny?

Thanks!

EPA-R5-2014-006378RR-86

**Maryann**  
**Suero/R5/USEPA/US**  
11/20/2012 11:10 AM

To Edward Master  
cc  
bcc  
Subject clyde as we discussed

thanks!



Brief\_Description\_eastern\_sandusky\_nov2012.docx

EPA-R5-2014-006378RR-87

**Joshua Singer /R5/USEPA/US**

11/20/2012 02:38 PM

To Virginia Narsete, Stephen Wolfe, Mark Durno

cc Anne Rowan, Joseph Dufficy, Yolanda Bouchee, Maryann Suero

bcc

Subject Answers to anticipated Questions

All:

Please see the attached draft answers to anticipated questions. Most of these answers are too long for talking points, but I will try to boil them down once we have this info finalized.

**Nonresponsive**

Regarding the phone numbers: 312-636-0081 (not 0881) is the number for Susan Buchanan, 312-864-5526 is the number for Stroger Hospital in Chicago, and 866-967-7337 for Great Lakes Center for Children's Environmental Health, but there is no message on the Great Lakes number. Thanks.



DRAFT Eastern Sandusky Questions and Answers November 2012.docx

Josh Singer  
U.S. Environmental Protection Agency  
singer.joshua@epa.gov  
312-353-5069

Virginia Narsete

Wonderful Ginny Narsete Community I...

11/20/2012 11:05:42 AM

From: Virginia Narsete/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA,  
Cc: Anne Rowan/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Yolanda Bouchee/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA  
Date: 11/20/2012 11:05 AM  
Subject: Re: Update on Calls on Clyde

Wonderful

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

Stephen Wolfe

Hi Ginny, I was talking to Maryann Sue...

11/20/2012 10:38:37 AM

From: Stephen Wolfe/R5/USEPA/US  
To: Virginia Narsete/R5/USEPA/US@EPA,  
Cc: Anne Rowan/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Yolanda Bouchee/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA  
Date: 11/20/2012 10:38 AM  
Subject: Re: Update on Calls on Clyde

---

Hi Ginny,

I was talking to Maryann Suero and mentioned the below to me

For the families with small Children (and I do not if it applies to the person moving)

May want to have them contact the Pediatric Environmental Specialty Unit which is co-funded by US EPA and ATSDR which can provide some opinions to them

the three numbers she gave me for contacting them are 866-967-7337, 312-864-5526, 312-636-0881

she cautioned that they may not have an outgoing mesg on the mailbox but to make sure the caller leaves a message anyway.

Thanks,

---

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718  
Fax: 440.250.1750

Virginia Narsete

During the past few days I received a f...

11/20/2012 10:56:49 AM

From: Virginia Narsete/R5/USEPA/US  
To: Anne Rowan/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA,  
Cc: Yolanda Bouchee/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA  
Date: 11/20/2012 10:56 AM  
Subject: Update on Calls on Clyde

---

During the past few days I received a few calls (little over 10) from residents from Clyde, Ohio regarding the Eastern Sandusky Site. After talking with nearly all those who called, most wanted answers about sampling results and is their drinking water safe. They are asking for a town hall meeting and said they'd like more information besides what they see on the website. If there is an informational meeting with the general public, they would attend.

First, - One person who is moving into the area said she is considering buying a home. She wants to know if she has anything to worry about regarding contamination. The home she is looking at is in the same neighborhood as **Nonresponsive**. **Nonresponsive**

**Nonresponsive** I referred her to the web site for further reports for her review. I also let her know she can call anytime with questions and I'll do all I can to get answers. She also asked about Vickory Injection Well- I referred her to the UIC group.

At this point we may want to include ATSDR, since most of the questions are health related. The Ohio ODH and the county health are referring all calls to us which probably should be handled by the health agencies.

Second - Some of the residents of Clyde, especially with small children, would like their wells tested. I understand the health department will not take samples and are referring the calls to me on this as well. One house in particular is located about 2 miles from Clyde. She is at a loss on who she can call to get her well sampled. She has a 2 year old and a 9 year old. She is making formula with the well water and is a little nervous about the well water.

Third - Received a tip on **Non-Responsive** The gentleman reported foaming suds as high as 6 feet use to float on the creek near Whirlpool. He worked at whirlpool and took pictures and is willing to make copies. Those photos were from 1957.

Overall - Just from talking to several of the folks, there is a need for information - and it may be more urgent to correct the rumors and be willing to answer questions. I realize this is way beyond my pay grade, however it's clear the general public is concerned.

**Non-Responsive**

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

EPA-R5-2014-006378RR-88

Virginia  
Narsete/R5/USEPA/US  
11/20/2012 03:08 PM

To Joshua Singer  
cc Stephen Wolfe, Mark Durno, Anne Rowan, Joseph Dufficy,  
Yolanda Bouchee, Maryann Suero  
bcc  
Subject Re: Answers to anticipated Questions

Nonresponsive

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

Joshua Singer

All: Please see the attached draft answ...

11/20/2012 02:38:57 PM

From: Joshua Singer/R5/USEPA/US  
To: Virginia Narsete/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA,  
Cc: Anne Rowan/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, Yolanda Bouchee/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA  
Date: 11/20/2012 02:38 PM  
Subject: Answers to anticipated Questions

All:

Please see the attached draft answers to anticipated questions. Most of these answers are too long for talking points, but I will try to boil them down once we have this info finalized.

Nonresponsive

Regarding the phone numbers: 312-636-0081 (not 0881) is the number for Susan Buchanan, 312-864-5526 is the number for Stroger Hospital in Chicago, and 866-967-7337 for Great Lakes

Center for Children's Environmental Health, but there is no message on the Great Lakes number.  
Thanks.



DRAFT Eastern Sandusky Questions and Answers November 2012.docx

Josh Singer  
U.S. Environmental Protection Agency  
singer.joshua@epa.gov  
312-353-5069

|                  |                                        |                        |
|------------------|----------------------------------------|------------------------|
| Virginia Narsete | Wonderful Ginny Narsete Community I... | 11/20/2012 11:05:42 AM |
|------------------|----------------------------------------|------------------------|

From: Virginia Narsete/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA,  
Cc: Anne Rowan/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Yolanda Bouchee/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA  
Date: 11/20/2012 11:05 AM  
Subject: Re: Update on Calls on Clyde

---

Wonderful

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

|               |                                           |                        |
|---------------|-------------------------------------------|------------------------|
| Stephen Wolfe | Hi Ginny, I was talking to Maryann Sue... | 11/20/2012 10:38:37 AM |
|---------------|-------------------------------------------|------------------------|

From: Stephen Wolfe/R5/USEPA/US  
To: Virginia Narsete/R5/USEPA/US@EPA,  
Cc: Anne Rowan/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Yolanda Bouchee/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA  
Date: 11/20/2012 10:38 AM  
Subject: Re: Update on Calls on Clyde

---

Hi Ginny,

I was talking to Maryann Suero and mentioned the below to me

For the families with small Children (and I do not if it applies to the person moving)

May want to have them contact the Pediatric Environmental Specialty Unit which is co-funded by US EPA and ATSDR which can provide some opinions to them

the three numbers she gave me for contacting them are 866-967-7337, 312-864-5526, 312-636-0881

she cautioned that they may not have an outgoing msg on the mailbox but to make sure the caller leaves a message anyway.

Thanks,

---

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718

Fax: 440.250.1750

---

|                  |                                            |                        |
|------------------|--------------------------------------------|------------------------|
| Virginia Narsete | During the past few days I received a f... | 11/20/2012 10:56:49 AM |
|------------------|--------------------------------------------|------------------------|

---

From: Virginia Narsete/R5/USEPA/US  
To: Anne Rowan/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA,  
Cc: Yolanda Bouchee/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA  
Date: 11/20/2012 10:56 AM  
Subject: Update on Calls on Clyde

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At this point we may want to include ATSDR, since most of the questions are health related. The Ohio ODH and the county health are referring all calls to us which probably should be handled by the health agencies.

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Overall - Just from talking to several of the folks, there is a need for information - and it may be more urgent to correct the rumors and be willing to answer questions. I realize this is way beyond my pay grade, however it's clear the general public is concerned.



Nonresponsive

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

EPA-R5-2014-006378RR-89

Maryann  
Suero/R5/USEPA/US  
05/09/2012 01:28 PM

To Margaret Guerriero  
cc  
bcc  
Subject Re: Fw: just a thought on wording re Clyde

It sounds like she must have told him what she found out from Dr. Portier. I don't know if my note (cut and pasted in) ever got to you, but when I finally spoke with someone at CDC, **Nonresponsive**

[REDACTED]

Mike / Mardi:

I just heard back from CDC (Dr. Judith Qualters, Director, Division of Environmental Hazards and Health Effects, National Center for Environmental Health) that they spoke with Ohio Department of Health shortly after our February 24 videoconference with CDC about the additional health data analysis in which Susan was interested for the Eastern Sandusky cancer investigation .

Dr. Qualters said they also forwarded the request from Susan to ODH and that they have just received ODH's response this week. Dr. Portier will respond directly to Susan.

Margaret Guerriero So do you think Susan asked him t... 05/09/2012 01:14:20 PM

From: Margaret Guerriero/R5/USEPA/US  
To: suero.maryann@epa.gov  
Date: 05/09/2012 01:14 PM  
Subject: Fw: just a thought on wording re Clyde

So do you think Susan asked him to prepare this?

----- Forwarded by Margaret Guerriero/R5/USEPA/US on 05/09/2012 01:13 PM -----

From: Peter Orris <porris@uic.edu>  
To: Susan Hedman/R5/USEPA/US@EPA  
Cc: Margaret Guerriero/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA  
Date: 05/09/2012 01:09 PM  
Subject: just a thought on wording re Clyde

Susan-  
was running this over as a first approach to wording for the community so I thought I would share it- for who ever is crafting the words (dates not sure)

**Non-Responsive**

[REDACTED]

Non-Responsive

Peter Orris, MD, MPH  
Professor and Chief of Service  
Occupational and Environmental Medicine  
University of Illinois Hospital and Health Science System  
835 S. Wolcott Street, Rm 144, (MC684)  
Chicago, IL 60612  
O 312-996-5804  
Direct 312-413-0105  
Fx 312-413-8485

EPA-R5-2014-006378RR-90

Michael Harris /R5/USEPA/US

02/29/2012 04:30 PM

To Maryann Suero

cc Carole Braverman, Edward Master, Jean Hogan-Chereskin,  
Mardi Klevs, porris

bcc

Subject Re: Revised CDC Memo: Eastern Sandusky Childhood  
Cancer Investigation

Thank you Maryann.

Michael Harris  
Deputy Director  
Land and Chemicals Division  
U. S. Environmental Protection Agency, Region 5  
77 West Jackson Blvd.  
Chicago, IL 60604  
(312) 886-0760

Maryann Suero

Mike, Hopefully, I've made all the chan...

02/29/2012 03:52:33 PM

From: Maryann Suero/R5/USEPA/US  
To: Michael Harris/R5/USEPA/US@EPA  
Cc: Carole Braverman/R5/USEPA/US@EPA, porris@uic.edu, Mardi Klevs/R5/USEPA/US, Edward  
Master/R5/USEPA/US, Jean Hogan-Chereskin/R5/USEPA/US@EPA  
Date: 02/29/2012 03:52 PM  
Subject: Revised CDC Memo: Eastern Sandusky Childhood Cancer Investigation

---

Mike,

Hopefully, I've made all the changes you (and Jean) requested.

maryann



CDC\_Data\_Memo\_Feb\_29\_2012\_Revised.docx

EPA-R5-2014-006378RR-91

Virginia  
Narsete/R5/USEPA/US  
11/29/2011 02:52 PM

To Mark Durno, MARGARET HERRING, Maryann Suero,  
WILLIAM RYCZEK, Carol Ropski, James Justice, Stephen  
Wolfe  
cc Sharon Jaffess, Joseph Dufficy, Beverly Kush, THOMAS  
MARKS  
bcc  
Subject Documents on Eastern Sandusky County Project

Hi All - Here is a good start on 3 D R A F T updated documents we all discussed- with your changes.

Attached  
DRAFT start and potential FAQ's  
DRAFT AD  
DRAFT Citizen Inquiry Form from the hotline call



Sandusky FREQUENTLY ASKED QUESTIONS.docx



Hotline QUERY RECORD Eastern Sandusky County Project.docxAD - sandusky V8.doc

Not sure who all wants this - feel free to make changes, add questions, and forward to those folks who can answer the questions. I haven't sent the communications strategy or documents to OPA - This decision, considered a project and high profile probably should be sent up by Bev, Sharon, or Joe. If you want I will be happy to meet with Ann or Philippa and share what we are doing.

We probably should more questions and answers so if you can each give me 5 questions and answers that you think the public may ask, it will help us all - I spoke with Carol Ropski - about the FAQ's we are categorizing them in 5 categories so she can quickly answer the questions that may come up. These all can be answered as one message from one EPA - if Carol is unavailable to answer the questions and we can - the answers will be provided for us - this avoids sending the citizen around the world to get a simple question answered.

I'd like to have all the questions and answers by this Friday so I can compile next week for your review.

FAQ Arrangement -

Nonresponsive

[REDACTED]

Next steps - in no particular timeframe or priority

Nonresponsive

[REDACTED]

Nonresponsive

Thanks all for what you've done so far putting the communications process in

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

EPA-R5-2014-006378RR-92

**Stephen Wolfe /R5/USEPA/US**

To Maryann Suero

11/29/2012 06:28 AM

cc

bcc

Subject Re: QUESTION: Final Briefing Paper on Eastern Sandusky????

Hi Maryann,

No one asked for it, it was just something I started as it was suggested we get a timeline together. Cathleen is the only person who did anything with it,

Nonresponsive

I have attached them here but keep in mind -- nothing is in a final version.



Eastern Sandusky website.js.11.28.docx

This is the website update



Eastern Sandusky FACTS.docx

FACTS (pretty much a document I wrote as I keep getting asked the same questions. it is also a lot of the questions that Ginny keeps getting asked. Megan is using this as a base for a FACT sheet)



response to Sherrord Brown.docx response to Sherrord Brown - short.docx AL-12-001-9344 Incoming.pdf  
Controlled correspondence for a letter to Sherrord Brown. Long and Short Versions.



has more background information for context. These are Draft.

Long version



Clyde Administrator Visit.docx

DRAFT document written at Rick Karl's request to justify a visit.

Again -- nothing here is final -- just compilations of information from what has been requested this week.

Thanks,

---

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718  
Fax: 440.250.1750

Maryann Suero

Hi Steve, Margaret Guerriero (and I gu...

11/28/2012 06:06:13 PM

From: Maryann Suero/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA,  
Date: 11/28/2012 06:06 PM  
Subject: QUESTION: Final Briefing Paper on Eastern Sandusky ????

---

Hi Steve,

Margaret Guerriero (and I guess all the DD's) are meeting with Susan tomorrow to discuss. Do you have the most recent version of this? I sent Margaret the version that Catherine Martwick edited, but haven't seen a version since then.

Thanks,  
maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 11/28/2012 05:04 PM -----

From: Margaret Guerriero/R5/USEPA/US  
To: "Maryann Suero" <suero.maryann@epa.gov>,  
Date: 11/28/2012 04:54 PM  
Subject: Fw: Clyde

---

Is there a final briefing paper you can send me on Clyde?

Sent by EPA Wireless E-Mail Services  
Susan Hedman

----- Original Message -----

**From:** Susan Hedman  
**Sent:** 11/28/2012 02:14 PM EST  
**To:** "Elissa Speizman" <Speizman.Elissa@epa.gov>; "Anne Rowan" <Rowan.Anne@epa.gov>; "Richard Karl" <Karl.Richard@epa.gov>; "Margaret Guerriero" <Guerriero.Margaret@epa.gov>  
**Cc:** williams.felicia@epa.gov  
**Subject:** Clyde

I'd like to meet tomorrow at 11 to discuss the Administrator's visit to Clyde. Does that work for everyone?



EPA-R5-2014-006378RR-93

Sharon Jaffess /R5/USEPA/US

To Maryann Suero

04/02/2012 06:23 PM

cc

bcc

Subject Re: CLYDE - Eastern Sandusky Investigation - URGENT -  
Hot Issue Request for OH and MI, Deadline - ASAP

No worries Maryann. I just spoke to Mark and he is on it. He is actually in Chicago the next few days.  
Maryann Suero

----- Original Message -----

**From:** Maryann Suero

**Sent:** 04/02/2012 12:53 PM CDT

**To:** Mark Durno; Anton Martig

**Cc:** Sharon Jaffess; Jean Hogan-Chereskin

**Subject:** RE: CLYDE - Eastern Sandusky Investigation - URGENT - Hot Issue  
Request for OH and MI, Deadline - ASAP

Nonresponsive

maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 04/02/2012 12:39 PM -----

**From:** Sharon Jaffess/R5/USEPA/US

**To:** Carol Ropski/R5/USEPA/US@EPA, WILLIAM RYCZEK/R5/USEPA/US@EPA, THOMAS  
MARKS/R5/USEPA/US@EPA, Michael Bednarz/R5/USEPA/US@EPA, MARGARET  
HERRING/R5/USEPA/US@EPA, FRED BARTMAN/R5/USEPA/US@EPA, LANCE  
VLCEK/R5/USEPA/US@EPA, Virginia Narsete/R5/USEPA/US@EPA

**Cc:** Maryann Suero/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Stephen  
Wolfe/R5/USEPA/US@EPA, James Justice/R5/USEPA/US@EPA, Jason  
El-Zein/R5/USEPA/US@EPA

**Date:** 04/02/2012 12:32 PM

**Subject:** Fw: URGENT - Hot Issue Request for OH and MI, Deadline - ASAP

Nonresponsive

Please see what you can get up to Mark by today so that Mark can get the update to John Peterson and Anne Rowan ASAP. Please keep me informed and let me know if you have any questions.

Thanks,  
Sharon

----- Forwarded by Sharon Jaffess/R5/USEPA/US on 04/02/2012 12:22 PM -----

From: John Peterson/R5/USEPA/US  
To: rowan.anne@epa.gov, Phillippa Cannon/R5/USEPA/US@EPA, Wendy Carney/R5/USEPA/US@EPA, Kevin Pierard/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, William Walter/R5/USEPA/US@EPA, John Haugland/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Jerri-Anne Garl/R5/USEPA/US@EPA, Bruce Sypniewski/R5/USEPA/US@EPA, Douglas Ballotti/R5/USEPA/US@EPA, THOMAS SHORT/R5/USEPA/US@EPA, gawlinski.denise@epa.gov, Jason El-Zein/R5/USEPA/US@EPA, LAWRENCE SCHMITT/R5/USEPA/US@EPA, Robert Kaplan/R5/USEPA/US@EPA, Bertram Frey/R5/USEPA/US@EPA, David Cowgill/R5/USEPA/US@EPA, Elissa Speizman/R5/USEPA/US@EPA, David Taliaferro/R5/USEPA/US@EPA, Richard Nagle/R5/USEPA/US@EPA, John Peterson/R5/USEPA/US@EPA, Ronna Beckmann/R5/USEPA/US@EPA, Linda Holst/R5/USEPA/US@EPA, Marietta Newell/R5/USEPA/US@EPA, Cameron Davis/R5/USEPA/US@EPA, Peter Cassell/R5/USEPA/US@EPA, moloney.mark@epa.gov, poy.thomas@epa.gov, newman.erin@epa.gov, hulting.melissa@epa.gov, Jennifer Ostermeier/R5/USEPA/US@EPA, Bill Bolen/R5/USEPA/US@EPA, Margaret Guerriero/R5/USEPA/US@EPA, karl.richard@epa.gov, hyde.tinka@epa.gov, newton.cheryl@epa.gov, Mary Setnicar/R5/USEPA/US@EPA, Dan Hopkins/R5/USEPA/US@EPA, gonzalez.rafaelp@epa.gov, westlake.kenneth@epa.gov, Diane Nelson/R5/USEPA/US@EPA, Joan Tanaka/R5/USEPA/US@EPA, Timothy Henry/R5/USEPA/US@EPA, Dean Maraldo/R5/USEPA/US@EPA, Ryan Bahr/R5/USEPA/US@EPA, Christopher Korleski/R5/USEPA/US@EPA, Jean Hogan-Chereskin/R5/USEPA/US@EPA, Michael Harris/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Sharon Jaffess/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Karen Mark/R5/USEPA/US@EPA, Francisco Arcaute/R5/USEPA/US@EPA, Robert Tolpa/R5/USEPA/US@EPA, Alan Walts/R5/USEPA/US@EPA, George Czerniak/R5/USEPA/US@EPA, John Mooney/R5/USEPA/US@EPA, Debbie Baltazar/R5/USEPA/US@EPA, gebien.charles@epa.gov, ribordy.mike@epa.gov, simon.verneta@epa.gov, Matthew Didier/R5/USEPA/US@EPA, Megan McSeveney/R5/USEPA/US@EPA, Mindy Clements/R5/USEPA/US@EPA, Lauren Bumba/R5/USEPA/US@EPA, Mike Rogers/R5/USEPA/US@EPA, gierzak.john@epa.gov, novak.paul@epa.gov, barna.david@epa.gov, auker.karla@epa.gov, stimple.brad@epa.gov, furio.brooke@epa.gov, zavallo.amy@epa.gov  
Date: 04/02/2012 12:15 PM  
Subject: URGENT - Hot Issue Request for OH and MI, Deadline - ASAP

Hello,

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Nonresponsive

Sorry about the quick turnaround but it is Monday after all.

- john

[attachment "Hot Issue Format 1-12.doc" deleted by Maryann Suero /R5/USEPA/US]

[attachment "Hot OH-Cleveland Issues FINALv.2-16-12.doc" deleted by Sharon Jaffess/R5/USEPA/US]

JOHN PETERSON  
Writer/Editor  
Office of Public Affairs (mail code P-19J)  
U.S. EPA Region 5  
77 W. Jackson Blvd.  
Chicago, IL 60604-3590  
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Cell: 708-334-7594

EPA-R5-2014-006378RR-94

Maryann  
Suero/R5/USEPA/US  
06/17/2011 03:26 PM

To Margaret Guerriero  
cc Dan Hopkins, Michael Harris  
bcc  
Subject CORRECTED HEADS UP: Administrator Jackson was asked about Clyde Children's Cancer Concerns Today in Cleveland (not the RA)

Sorry, but I misunderstood the premise for this whole thing. Administrator Jackson was asked by the reporter about the Clyde Children's Cancer concerns, not the RA, as I had previously understood.

Nonresponsive

I let OCHP know the Administrator was questioned on this too in case something comes down to them.

maryann

working from home today, Privacy

----- Forwarded by Maryann Suero/R5/USEPA/US on 06/17/2011 03:14 PM -----

From: Maryann Suero/R5/USEPA/US  
To: Margaret Guerriero/R5/USEPA/US@EPA  
Cc: Dan Hopkins/R5/USEPA/US@EPA, Michael Harris/R5/USEPA/US@EPA  
Date: 06/17/2011 01:53 PM  
Subject: HEADS UP: RA was asked about Clyde Children's Cancer Concerns Today in Cleveland

Margaret,

fyi, Our RA apparently got questions on this today when she was in Cleveland, OH for something else. It may have been driven by a recent AP article, No Answers in Clyde Cancer Cluster, <http://www.foxtoledo.com/dpp/news/local/No-answers-in-Clyde-cancer-cluster>

As a reminder, Senator Sherrod Brown of OH wrote a letter to both Lisa Jackson and CDC Director Frieden in March 2011 asking for Federal assistance. I'm not sure if you have the letter or the EPA response that OCHP coordinated (let me know if you want them). While EPA was in the process of responding, a member of the public sent an e-mail request to the White House for EPA assistance on this as well (that's the response that Peter asked you about whose name should be provided for more information).

At their request today, I've shared (re-shared?) all the letter history with Denise Gawlinski and Elissa Speizman, and provided them with a few notes on the conference call OCHP organized with ORD and ATSDR (May 16) as follow-up to the response to the Senator. See below (one of several messages I sent them this afternoon).

Elissa and Denise are using what I provided them to prepare a response to Susan .

If you have questions, I'm working from home today, Privacy

maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 06/17/2011 01:41 PM -----

From: Maryann Suero/R5/USEPA/US  
To: Elissa Speizman/R5/USEPA/US@EPA, Denise Gawlinski/R5/USEPA/US@EPA  
Date: 06/17/2011 01:24 PM  
Subject: (1) CDC/ATSDR Response to Senator Brown Clyde Children's Cancer Letter (2) Conference Call held as Follow-Up to EPA Response to Senator Brown Letter (hosted by OCHP)

---

(1) CDC/ATSDR Response to Senator Brown Clyde Children's Cancer Letter [attachment "Sen Brown\_Clyde\_Final\_033011.pdf" deleted by Maryann Suero/R5/USEPA/US]

(2) Follow-up conference call (led by Khesha Reed, Associate Director, Office of Children's Health Protection (OCHP), took place on May 16, 2011. The purpose of the call was to talk about what's already been done (including correspondence), and determine if there were any gaps that EPA might be able to fill

**Participants included :**

Khesha Reed, Associate Director, Office of Children's Health Protection (OCHP)  
Kathy Seikel, Acting Director Program Implementation Division, OCHP  
Brenda Foos, Director, Science / Regulations Division, OCHP  
Mark Johnson, ATSDR, Region 5  
Hal Zenick, ORD  
Fred Hauchman, ORD  
Sally Darney, ORD  
Wayne Cascio, ORD  
Tim Wade, ORD  
Edward Master, Region 5  
Maryann Suero, Region 5

Khesha provided a summary of EPA efforts to date. Group discussed some possible ways in which EPA might provide assistance, but agreed that it would be important to see ODH final report before moving forward on any potential next steps. Hal mentioned he was going to be at CDC in the next few days and would check in with them.

**Hal Zenick shared the following after the call :**

Non-Responsive



**Mark Johnson shared the following after the call :**

Nonresponsive



Ohio Dept. of Health (ODH)

Robert Indian- robert.indian@odh.ohio.gov  
Bob Frey- bob.frey@odh.ohio.gov  
Greg Stein- greg.stein@odh.ohio.gov

Ohio EPA

Paul Koval- paul.koval@epa.state.oh.us  
other programs have also been involved

CDC/NCEH/ATSDR who were involved in responding to correspondence from Sen. Brown.

Anne Venner- cqu4@cdc.gov  
Michelle Watters- mwatters@cdc.gov

Non-Responsive

maryann

\*\*\*\*\*

Maryann E. Suero, PhD  
US EPA Region 5 (IL, IN, MI, MN, OH, WI)  
Environmental Health Scientist  
Children's Health Program Manager  
77 W. Jackson Blvd. (LC-8J)  
Chicago, IL 60604  
Phone (312) 886-9077  
Fax (312) 697-2558  
suero.maryann@epa.gov

\*\*\*\*\*

EPA-R5-2014-006378RR-95

**Mark Johnson /R5/USEPA/US**

02/27/2012 04:45 PM

To Peter Orris

cc Carole Braverman, Margaret Guerriero, Maryann Suero,  
Michelle Watters, mwattersmd, Susan Hedman

bcc

Subject Re: Clyde ATSDR Memo - The rationale section

Peter

Here are some additional comments to consider.

Mark



Draft Clyde Ohio Letter-mj edits.docx

---

Mark Johnson, PhD, DABT  
Senior Environmental Health Scientist  
ATSDR-Region 5  
77 West Jackson Blvd.  
Chicago, IL 60604  
e-mail: mkj5@cdc.gov  
phone: 312-353-3436 (office)

Peter Orris

>Dear All - After good critiques from M...

02/27/2012 04:31:00 PM

From: Peter Orris <porris@uic.edu>  
To: Margaret Guerriero/R5/USEPA/US@EPA, Mark Johnson/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, mwattersmd@yahoo.com, Susan Hedman/R5/USEPA/US@EPA, Carole Braverman/R5/USEPA/US@EPA, Michelle Watters/R5/USEPA/US@EPA  
Date: 02/27/2012 04:31 PM  
Subject: Clyde ATSDR Memo - The rationale section

---

Dear All -

After good critiques from Maryann and Michelle, the memo has been shortened (now 2 pages) and the rationale section has been removed as too long and preachy. As I reread it I realized I wanted it to be a general statement on cluster analysis which is not appropriate in the memo that we were asked for. The memo is now with Maryann and will go to Susan after her review and edit.

Not part of the memo to ATSDR Atlanta-

As I think the rationale paragraphs of the original memo have background validity with respect to all cluster analyses and specifically to Clyde, I have attached it as a background piece for the Region V Clyde group. You may or may not find it useful.

all the best  
p

Peter Orris, MD, MPH  
Professor and Chief of Service  
Occupational and Environmental Medicine  
University of Illinois Hospital and Health Science System  
835 S. Wolcott Street, Rm 144, (MC684)  
Chicago, IL 60612  
O 312-996-5804  
Direct 312-413-0105  
Fx 312-413-8485 [attachment "Background Generalizable Ratiobnale for Clyde FU.docx" deleted  
by Mark Johnson/R5/USEPA/US]



EPA-R5-2014-006378RR-96

Maryann  
Suero/R5/USEPA/US  
06/01/2012 09:15 AM

To Peter Swenson  
cc  
bcc  
Subject Re: Control AX-12000-8973-WH (re: Whirlpool, Clyde, OH, possible RCRA issues)

Thanks, you probably already know that the author of this letter has been communicating with EPA for a while. From what I understand from conversations with folks, he's written several times to Jennifer Beese in WD as well as to OH EPA and OH Department of Health folks as well as folks from Sandusky County Health Department. He also wrote to me (while the Clyde Hotline factfinding was going on). He communicates under the name "Nonresponsive" as well as under his given name, Nonresponsive. He has apparently written a couple of novels, one of which includes as a backdrop, an investigation of a childhood cancer cluster in the fictional town of "Clowd, OH" which is in the fictional "Samdickey County."

maryann

Peter Swenson Maryann Here is the letter and the not... 06/01/2012 08:27:10 AM

From: Peter Swenson/R5/USEPA/US  
To: Maryann Suero/R5/USEPA/US@EPA  
Date: 06/01/2012 08:27 AM  
Subject: Re: Control AX-12000-8973-WH (re: Whirlpool, Clyde, OH, possible RCRA issues)

Maryann  
Here is the letter and the note I sent to Superfund  
Peter

-----  
-----  
Virginia and Sharon

LCD was assigned the attached control yesterday and Water Division was asked to provide input. LCD does not believe they are the appropriate group to respond.

Nonresponsive  
-----  
-----  
-----  
-----

Can you let me know what you think?

[attachment "20120531092611392.pdf" deleted by Maryann Suero/R5/USEPA/US]

Thanks

Peter Swenson (WW-16J)  
Chief, Watersheds and Wetlands Branch  
U.S. EPA, Region 5  
77 W. Jackson Boulevard  
Chicago, IL 60604  
312-886-0236

Peter Swenson (WW-16J)  
Watersheds and Wetlands Branch  
U.S. EPA, Region 5  
77 W. Jackson Boulevard  
Chicago, IL 60604  
312-886-0236

Maryann Suero Would you please share the citizen's le... 06/01/2012 08:20:16 AM

From: Maryann Suero/R5/USEPA/US  
To: Peter Swenson/R5/USEPA/US@EPA  
Cc: Sharon Jaffess/R5/USEPA/US@EPA, Virginia Narsete/R5/USEPA/US@EPA, SFDIO@EPA, Mark Durno/R5/USEPA/US@EPA, Dean Maraldo/R5/USEPA/US@EPA, Jennifer Beese/R5/USEPA/US@EPA, Gary Victorine/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Michael Harris/R5/USEPA/US@EPA  
Date: 06/01/2012 08:20 AM  
Subject: Re: Control AX-12000-8973-WH (re: Whirlpool, Clyde, OH, possible RCRA issues)

Would you please share the citizen's letter with us?

Thanks,  
maryann

\*\*\*\*\*

**Maryann E. Suero, PhD**  
US EPA Region 5 (IL, IN, MI, MN, OH, WI)  
Environmental Health Scientist  
Children's Health Program Manager  
77 W. Jackson Blvd. (LC-8J)  
Chicago, IL 60604  
Phone (312) 886-9077  
Fax (312) 697-2558  
suero.maryann@epa.gov

\*\*\*\*\*

Peter Swenson Thank you very much Sharon! I will pu... 06/01/2012 08:12:42 AM

From: Peter Swenson/R5/USEPA/US  
To: Sharon Jaffess/R5/USEPA/US@EPA  
Cc: Virginia Narsete/R5/USEPA/US@EPA, SFDIO@EPA, Mark Durno/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Dean Maraldo/R5/USEPA/US@EPA, Jennifer Beese/R5/USEPA/US@EPA  
Date: 06/01/2012 08:12 AM  
Subject: Re: Control AX-12000-8973-WH

Thank you very much Sharon!

I will put together a draft response and share it with you. Do you have suggestions for who in LCD might help? I am copying Maryann Suero as I understand she's been involved in Clyde.

Peter Swenson (WW-16J)  
Chief, Watersheds and Wetlands Branch  
U.S. EPA, Region 5  
77 W. Jackson Boulevard  
Chicago, IL 60604  
312-886-0236

Sharon Jaffess Hi Peter, Absolutely we can help. How... 05/31/2012 04:23:24 PM

From: Sharon Jaffess/R5/USEPA/US  
To: Peter Swenson/R5/USEPA/US@EPA  
Cc: Virginia Narsete/R5/USEPA/US@EPA, SFDIO@EPA, Mark Durno/R5/USEPA/US@EPA  
Date: 05/31/2012 04:23 PM  
Subject: Re: Control AX-12000-8973-WH

---

Hi Peter,

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Thanks,  
Sharon

Sharon Jaffess, Chief  
Enforcement and Compliance Assurance Branch  
Superfund Division / EPA Region 5  
77 W. Jackson Blvd. (SC-5J)  
Chicago, IL 60604  
312-353-0536  
jaffess.sharon@epa.gov

EPA-R5-2014-006378RR-97

Michael Harris /R5/USEPA/US

03/06/2012 02:26 PM

To Maryann Suero

cc Margaret Guerriero, Mardi Klevs

bcc

Subject Fw: Eastern Sandusky Cancer Research Proposal

FYI,

Susan was happy with the proposal. Good job Maryann!

Michael Harris  
Deputy Director  
Land and Chemicals Division  
U. S. Environmental Protection Agency, Region 5  
77 West Jackson Blvd.  
Chicago, IL 60604  
(312) 886-0760

----- Forwarded by Michael Harris/R5/USEPA/US on 03/06/2012 02:24 PM -----

From: Susan Hedman/R5/USEPA/US  
To: Michael Harris/R5/USEPA/US@EPA  
Cc: williams.felicia@epa.gov  
Date: 03/05/2012 06:25 PM  
Subject: Re: Eastern Sandusky Cancer Research Proposal

---

Thanks -- this is excellent.

Susan Hedman  
Regional Administrator - Region 5  
Great Lakes National Program Manager  
U.S. Environmental Protection Agency  
77 West Jackson, 19th Floor  
Chicago, IL 60604

Michael Harris

[Hi Susan, Maryann and Peter have gon...](#)

03/05/2012 12:34:02 PM

From: Michael Harris/R5/USEPA/US  
To: Susan Hedman/R5/USEPA/US@EPA  
Cc: Felicia Williams/R5/USEPA/US@EPA  
Date: 03/05/2012 12:34 PM  
Subject: Eastern Sandusky Cancer Research Proposal

---

Hi Susan,  
Maryann and Peter have gone through the proposal to make sure all of the content speaks to the research question. Please let me know if you have any questions. Thank you.



ESandusky\_Cancer\_March5\_2012.docx

Michael Harris

Deputy Director  
Land and Chemicals Division  
U. S. Environmental Protection Agency, Region 5  
77 West Jackson Blvd.  
Chicago, IL 60604  
(312) 886-0760

EPA-R5-2014-006378RR-98

**Maryann**  
**Suero/R5/USEPA/US**  
01/08/2013 04:25 PM

To Mark Durno, Stephen Wolfe, Megan McSeveney  
cc Edward Master  
bcc

Subject For Quick Review: Draft Letter from LPJ to Clyde Families

Here's the very draft letter from LPJ to the Clyde families . We're on a very short deadline with this so ....

If you think it would better to meet to discuss changes , I'm pretty flexible (except 9:30 - 11 Chicago time)

The ending of the letter seems especially flat to me but none of the platitudes we normally put into letters seemed appropriate. Any thoughts here????

Thanks!  
maryann



Family\_letter\_Jan\_2013.docx

EPA-R5-2014-006378RR-99

**Maryann  
Suero/R5/USEPA/US**  
02/27/2012 02:34 PM

To Peter Orris  
cc  
bcc

Subject Re: here is the draft with the protocol shortened .

Call me when you have a minute to discuss .



Clyde FU SIR Study Proposal shorter 2-27-12\_B.docx

maryann  
312-886-9077

Peter Orris

do you want me to rearrange the rest or...

02/27/2012 01:24:07 PM

From: Peter Orris <porris@uic.edu>  
To: Maryann Suero/R5/USEPA/US@EPA  
Date: 02/27/2012 01:24 PM  
Subject: here is the draft with the protocol shortened .

---

do you want me to rearrange the rest or are you doing that ?  
p

Peter Orris, MD, MPH  
Professor and Chief of Service  
Occupational and Environmental Medicine  
University of Illinois Hospital and Health Science System  
835 S. Wolcott Street, Rm 144, (MC684)  
Chicago, IL 60612  
O 312-996-5804  
Direct 312-413-0105  
Fx 312-413-8485 [attachment "Clyde FU SIR Study Proposal draft 2-27-12.docx"  
deleted by Maryann Suero/R5/USEPA/US]

EPA-R5-2014-006378RR-100

Maryann  
Suero/R5/USEPA/US  
11/29/2012 07:33 AM

To Margaret Guerriero  
cc Mardi Klevs, Edward Master, Michael Harris  
bcc  
Subject Eastern Sandusky info for your meeting at 11

Steve sent a plethora of things this morning - - - nothing is in a final version .

By the way, the "briefing paper" we were working on was really more of a timeline which I guess will ultimately inform the briefing paper .

maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 11/29/2012 07:29 AM -----

From: Stephen Wolfe/R5/USEPA/US  
To: Maryann Suero/R5/USEPA/US@EPA  
Date: 11/29/2012 06:28 AM  
Subject: Re: QUESTION: Final Briefing Paper on Eastern Sandusky ????

---

Hi Maryann,

No one asked for it, it was just something I started as it was suggested we get a timeline together .  
Cathleen is the only person who did anything with it,

Non-Responsive

[REDACTED]

[REDACTED]

[REDACTED]

I have attached them here but keep in mind -- nothing is in a final version .



Eastern Sandusky website.js.11.28.docx

This is the website update



Eastern Sandusky FACTS.docx

FACTS (pretty much a document I wrote as I keep getting asked the same questions. it is also a lot of the questions that Ginny keeps getting asked . Megan is using this as a base for a FACT sheet)



response to Sherrord Brown.docx response to Sherrord Brown - short.docx AL-12-001-9344 Incoming.pdf  
Controlled correspondence for a letter to Sherrord Brown. Long and Short Versions.



has more background information for context. These are Draft.

Long version



Clyde Administrator Visit.docx

DRAFT document written at Rick Karl's request to justify a visit.



Again -- nothing here is final -- just compilations of information from what has been requested this week.

Thanks,

---

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718

Fax: 440.250.1750

Maryann Suero

Hi Steve, Margaret Guerriero (and I gu...

11/28/2012 06:06:13 PM

---

From: Maryann Suero/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA,  
Date: 11/28/2012 06:06 PM  
Subject: QUESTION: Final Briefing Paper on Eastern Sandusky ????

---

Hi Steve,

Margaret Guerriero (and I guess all the DD's) are meeting with Susan tomorrow to discuss. Do you have the most recent version of this? I sent Margaret the version that Catherine Martwick edited, but haven't seen a version since then.

Thanks,  
maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 11/28/2012 05:04 PM -----

---

From: Margaret Guerriero/R5/USEPA/US  
To: "Maryann Suero" <suero.maryann@epa.gov>,  
Date: 11/28/2012 04:54 PM  
Subject: Fw: Clyde

---

Is there a final briefing paper you can send me on Clyde?

Sent by EPA Wireless E-Mail Services  
Susan Hedman

----- Original Message -----

**From:** Susan Hedman  
**Sent:** 11/28/2012 02:14 PM EST  
**To:** "Elissa Speizman" <Speizman.Elissa@epa.gov>; "Anne Rowan" <Rowan.Anne@epa.gov>; "Richard Karl" <Karl.Richard@epa.gov>; "Margaret Guerriero" <Guerriero.Margaret@epa.gov>  
**Cc:** williams.felicia@epa.gov  
**Subject:** Clyde

I'd like to meet tomorrow at 11 to discuss the Administrator's visit to Clyde. Does that work for everyone?

EPA-R5-2014-006378RR-101

Maryann  
Suero/R5/USEPA/US  
01/09/2013 04:44 PM

To Khesha Reed  
cc "Matthew Davis"  
bcc

Subject Re: Just FYI / Draft Final Clyde Family letter

thanks, will try to add that language.

I'm also sending you a few letters that went out over the recent holiday. I'm not sure if the letters to Burke (Ohio State Senator) or Mortensen-Lance (attorneys representing some of the families) are actually the final copies, but the one to Ohio Senator Brown is a final copy.



Burke Clyde AL-12-002-0888.docx AX-12-002-0314 Mortensen-Lance Reply v5.docx Control AL-12-001-9344.pdf

Khesha Reed

The worse thing is, you never see the fi...

01/09/2013 04:06:07 PM

From: Khesha Reed/DC/USEPA/US  
To: Maryann Suero/R5/USEPA/US@EPA,  
Cc: "Matthew Davis" <Davis.Matthew@epamail.epa.gov>  
Date: 01/09/2013 04:06 PM  
Subject: Re: Just FYI / Draft Final Clyde Family letter

Nonresponsive

Maryann Suero

I'm hoping that by tomorrow, our RA...

01/09/2013 04:49 PM EST

From: Maryann Suero  
To: Khesha Reed  
Cc: Matthew Davis  
Date: 01/09/2013 04:49 PM EST  
Subject: Re: Just FYI / Draft Final Clyde Family letter

I'm hoping that by tomorrow, our RA will have sent it along to be rewritten by Lisa's communication folks. I don't think I'll ever understand the way we do this....we agonize over words and punctuation to get it through our RA only to be rewritten in a totally different style .....public service, ya gotta love it!

maryann

Khesha Reed

She's not going to meet with them - Yik...

01/09/2013 03:36:34 PM

From: Khesha Reed/DC/USEPA/US  
To: Maryann Suero/R5/USEPA/US@EPA,  
Cc: Matthew Davis/DC/USEPA/US@EPA  
Date: 01/09/2013 03:36 PM  
Subject: Re: Just FYI / Draft Final Clyde Family letter

She's not going to meet with them - Yikes!

Thanks for keeping us in the loop. I will take a look at the letter tonight and let you know if I have comments.

Khesha Reed  
Associate Director  
Office of Children's Health Protection  
Environmental Protection Agency  
1200 Pennsylvania Ave, NW  
Mailcode 1107T  
Washington, DC 20460  
(202) 566-0594

Maryann Suero

Hi Khesha, Yesterday afternoon, I was...

01/09/2013 04:24:37 PM

From: Maryann Suero/R5/USEPA/US  
To: Khesha Reed/DC/USEPA/US@EPA  
Cc: Matthew Davis/DC/USEPA/US@EPA  
Date: 01/09/2013 04:24 PM  
Subject: Just FYI / Draft Final Clyde Family letter

---

Hi Khesha,

Nonresponsive

[Redacted text block]

[Redacted text block]

Thanks!  
maryann

[attachment "Final Draft- Clyde Family Letter- Jan 9, 2013- MMC.docx" deleted by Khesha Reed/DC/USEPA/US]

Non-Responsive



Megan McSeveney    Mark, Steve, and MaryAnn, I spoke...    01/08/2013 06:03:31 PM

From: Megan McSeveney/R5/USEPA/US  
To: Mark Durno/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, Edward Master/R5/USEPA/US@EPA,  
Cc: Maryann Suero/R5/USEPA/US@EPA  
Date: 01/08/2013 06:03 PM  
Subject: Re: For Quick Review: Draft Letter from LPJ to Clyde Families

---

Mark, Steve, and MaryAnn,

I spoke to Ronna tonight and started a quick draft, which is attached both with a clean copy form and track changes. I still need to find a good ending for the letter, but will discuss with Rick in the AM.

Mary Ann, once I get some more feedback I will contact you on how we should get a final version signed off on.

Thanks!  
Megan

[attachment "Family\_letter\_Jan\_2013 mmc- draft- CLEAN COPY.docx" deleted by Maryann Suero/R5/USEPA/US]

[attachment "Family\_letter\_Jan\_2013 mmc- draft.docx" deleted by Maryann Suero/R5/USEPA/US]

Maryann Suero

Here's the very draft letter from LPJ to t...

01/08/2013 04:25:48 PM

From: Maryann Suero/R5/USEPA/US  
To: Mark Durno/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, Megan McSeveney/R5/USEPA/US@EPA,  
Cc: Edward Master/R5/USEPA/US  
Date: 01/08/2013 04:25 PM  
Subject: For Quick Review: Draft Letter from LPJ to Clyde Families

---

Here's the very draft letter from LPJ to the Clyde families. We're on a very short deadline with this so ....

If you think it would better to meet to discuss changes, I'm pretty flexible (except 9:30 - 11 Chicago time)

The ending of the letter seems especially flat to me but none of the platitudes we normally put into letters seemed appropriate. Any thoughts here????

Thanks!  
maryann

[attachment "Family\_letter\_Jan\_2013.docx" deleted by Megan McSeveney/R5/USEPA/US]

EPA-R5-2014-006378RR-103

**Mardi Klevs/R5/USEPA/US**

02/23/2012 08:48 AM

To Maryann Suero, Jean Hogan-Chereskin

cc Jean Hogan-Chereskin, Sharon Jaffess, Mark Durno,  
Stephen Wolfe, James Justice

bcc

Subject Re: As Requested: Eastern Sandusky Hot Issue for  
Administrator Jackson's meeting w/all Governors

Here's the Clyde hot issue, just one typo, I believe, its "Hot **L**ine". When you cut and paste, Jean, can you fix it? thanks.

the file is below

Mardi Klevs  
Chief  
Chemicals Management Branch  
Land and Chemicals Division  
U.S. EPA  
77 W. Jackson (LC-8J)  
Chicago, IL 60604  
312-353-5490  
fax: 312-385-5528

klevs.mardi@epa.gov

Maryann Suero

Mardi, as I just indicated to you by pho...

02/23/2012 08:30:25 AM

From: Maryann Suero/R5/USEPA/US  
To: Mardi Klevs/R5/USEPA/US@EPA  
Cc: Jean Hogan-Chereskin/R5/USEPA/US@EPA, Sharon Jaffess/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, James Justice/R5/USEPA/US@EPA  
Date: 02/23/2012 08:30 AM  
Subject: As Requested: Eastern Sandusky Hot Issue for Administrator Jackson 's meeting w/all Governors

Nonresponsive

[Redacted]

[Redacted]

[Redacted]

maryann



Eastern Sandusky\_Hot\_Issue\_gov\_meeting\_Feb\_2012.docx

Mardi Klevs

Jean, Maryann is not in the office today...

02/22/2012 10:10:22 AM

From: Mardi Klevs/R5/USEPA/US  
To: Jean Hogan-Chereskin/R5/USEPA/US@EPA  
Cc: suero.maryann@epa.gov  
Date: 02/22/2012 10:10 AM  
Subject: Re: VERY IMPORTANT: ACTION: Very Short turn around time - HOT Issues for Administrator  
Jackson's meeting w/all Governors

---

Jean, Maryann is not in the office today, and probably won't be able to get the Clyde piece in until tomorrow.

Mardi Klevs  
Chief  
Chemicals Management Branch  
Land and Chemicals Division  
U.S. EPA  
77 W. Jackson (LC-8J)  
Chicago, IL 60604  
312-353-5490  
fax: 312-385-5528

klevs.mardi@epa.gov

\*\*\*\*\*

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

EPA-R5-2014-006378RR-104

Maryann  
Suero/R5/USEPA/US  
11/28/2012 05:03 PM

To Margaret Guerriero  
cc  
bcc  
Subject Re: Fw: Clyde

This is the last version I saw; it's a week old. I'll check in with Steve Wolfe to see if he has an updated version.



Brief\_Description\_eastern\_sandusky\_nov 20 2012 CRM.docx

maryann

|                    |                                          |                        |
|--------------------|------------------------------------------|------------------------|
| Margaret Guerriero | Is there a final briefing paper you c... | 11/28/2012 04:54:12 PM |
|--------------------|------------------------------------------|------------------------|

From: Margaret Guerriero/R5/USEPA/US  
To: "Maryann Suero" <suero.maryann@epa.gov>  
Date: 11/28/2012 04:54 PM  
Subject: Fw: Clyde

---

Is there a final briefing paper you can send me on Clyde?

Sent by EPA Wireless E-Mail Services  
Susan Hedman

----- Original Message -----

**From:** Susan Hedman  
**Sent:** 11/28/2012 02:14 PM EST  
**To:** "Elissa Speizman" <Speizman.Elissa@epa.gov>; "Anne Rowan" <Rowan.Anne@epa.gov>; "Richard Karl" <Karl.Richard@epa.gov>; "Margaret Guerriero" <Guerriero.Margaret@epa.gov>  
**Cc:** williams.felicia@epa.gov  
**Subject:** Clyde

I'd like to meet tomorrow at 11 to discuss the Administrator's visit to Clyde. Does that work for everyone?



EPA-R5-2014-006378RR-105

**Stephen Wolfe /R5/USEPA/US**

02/09/2012 09:36 AM

To James Justice, Maryann Suero, Sharon Jaffess

cc Mark Durno

bcc

Subject Re: Fw: HOT Issue Request for Cleveland, Ohio - Deadline Feb. 15

All,

attached is a first draft of the Eastern Sandusky Hot Issue request

I used the one that was submitted last time and modified it to include the activities that had occurred since then. please review it and let me know your comments



Eastern Sandusky Hot Issue-020912.docx

Thanks,

---

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718  
Fax: 440.250.1750

Mark Durno

Hot issue write ups needed. Steve / JJ: ...

02/09/2012 10:01:54 AM

---

From: Mark Durno/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA, James Justice, Joseph Fredle/R5/USEPA/US@EPA  
Cc: Jason El-Zein/R5/USEPA/US  
Date: 02/09/2012 10:01 AM  
Subject: Fw: HOT Issue Request for Cleveland, Ohio - Deadline Feb. 15

---

Hot issue write ups needed.

Steve / JJ: Please work with Sharon and Mary Ann to pull an Eastern Sandusky Hot Issue write up together.

**Nonresponsive**

Please submit to John Peterson and Anne Rowan (cc: Jason and me).

Thanks,  
md

---

Mark Durno  
Chief, Response Section 1  
U.S. EPA Region V  
25089 Center Ridge Road  
Westlake, OH 44145

440-250-1743

----- Forwarded by Mark Durno/R5/USEPA/US on 02/09/2012 09:58 AM -----

Nonresponsive

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

---

Nonresponsive

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

JOHN PETERSON  
Writer/Editor  
Office of Public Affairs (mail code P-19J)  
U.S. EPA Region 5  
77 W. Jackson Blvd.  
Chicago, IL 60604-3590  
Office: 312-886-9858  
Cell: 708-334-7594

EPA-R5-2014-006378RR-106

Maryann  
Suero/R5/USEPA/US  
04/03/2012 01:21 PM

To sbucha3, anaughto  
cc Edward Master  
bcc  
Subject Fw: Follow-Up: Conversation with US EPA, April 3 / clyde cancer cluster

Hi Susan and Ann,

This woman **Nonresponsive** may contact you. Her nephew has Glioblastoma, lived in Clyde until about 4 years ago, but was diagnosed a few months ago at age 27.

I spoke with her for a while, but suggested that you might be able to help her understand why only young people up to age 19 are being included in the investigation.

Thanks,  
maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 04/03/2012 01:18 PM -----

From: Maryann Suero/R5/USEPA/US  
To: **Nonresponsive**  
Date: 04/03/2012 01:18 PM  
Subject: Follow-Up: Conversation with US EPA, April 3

---

**Nonresponsive**

Here's the information we discussed this afternoon .

**(1) Sandusky County Health Department Website** , <http://www.alwayschoosehealth.com/>  
Information about the cancer cluster investigation is on the Left side Bar .

The map of the location under consideration (approximately 7 mile radius) is on Slide 12 in the file,  
[http://www.alwayschoosehealth.com/uploads/PDF/SanduskyCountySpatialAnalysisPresentation\\_052809\\_Final.pdf](http://www.alwayschoosehealth.com/uploads/PDF/SanduskyCountySpatialAnalysisPresentation_052809_Final.pdf)

**(2) Ohio EPA's Website on the Cancer Investigation** is at <http://www.epa.ohio.gov/pic/clyde.aspx>

**(3) US EPA's website , Eastern Sandusky Assessment** ,  
<http://www.epa.gov/Region5/cleanup/easternsandusky/index.html>  
Near the bottom of this website, there are also links to the websites above .

**(4) US EPA Fact Sheet about our activities in the area**  
<http://www.epa.gov/Region5/cleanup/easternsandusky/pdfs/easternsandusky-fs-201202.pdf>

**(5) Contact information for Great Lakes Center for Children 's Environmental Health**  
They may be able to help you better understand the type of cancer your nephew has and why he's not being included in the cluster investigation . They provide telephone consultation on children's environmental health at no charge because they are funded, in part, by US EPA.

#### REGION 5

Service area: Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin  
Great Lakes Centers' Pediatric Environmental Health Specialty Unit  
Academic Affiliation: University of Illinois at Chicago , School of Public Health  
Hospital Affiliation: Stroger Hospital of Cook County  
Location: Chicago, Illinois

www.uic.edu/sph/glakes/kids  
IL: (312) 864-5526  
Toll Free (866) 967-7337

There is also a Satellite location at University of Cincinnati  
Hospital Affiliation: Cincinnati Children's Hospital & Medical Center  
Location: Cincinnati, Ohio  
OH: (513) 803-3688  
Toll Free (866) 967-7337

**(6) Contact information for Sandusky County Health Department , Environmental Health Program ,  
419-334-6373**

**(7) Contact information for Ohio Department of Health , Ohio Department of Health  
Robert W. Indian, M.S., (614) 752-2464, Robert.Indian@odh.ohio.gov**

**(8) My contact information is below. Please feel free to call me if there's any way that I can be of  
assistance.**

Our thoughts are with you and your family at this difficult time .

maryann

\*\*\*\*\*  
**Maryann E. Suero, PhD**  
**US EPA Region 5 (IL, IN, MI, MN, OH, WI)**  
**Environmental Health Scientist**  
**Children's Health Program Manager**  
**77 W. Jackson Blvd. (LC-8J)**  
**Chicago, IL 60604**  
**Phone (312) 886-9077**  
**Fax (312) 697-2558**  
**suero.maryann@epa.gov**  
\*\*\*\*\*

EPA-R5-2014-006378RR-107

**Stephen Wolfe /R5/USEPA/US**

11/20/2012 09:05 AM

To Maryann Suero

cc Stephen Wolfe

bcc

Subject Eastern Sandusky -- Timeline

Hi Maryann

I have been tasked to get together a timeline of events for a briefing to the AA's staff then to the AA

I have the attached document from you which outlines everything that occurred since August 2011 -- Can you highlight what should be included in this summary brief? -- or if you have been tasked with doing this -- just let me know and share so we can come up with a complete document

I will be working on the work that was done by the Superfund Division since November 2011



Clyde\_Summary\_August\_15.docx

Thanks,

---

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5  
25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718  
Fax: 440.250.1750

EPA-R5-2014-006378RR-108

Maryann  
Suero/R5/USEPA/US  
06/01/2012 09:02 AM

To Michael Harris, Gary Victorine, Mardi Klevs  
cc Edward Master  
bcc  
Subject Fw: Control AX-12000-8973-WH (re: Whirlpool, Clyde, OH,  
possible RCRA issues)

It seems from the email chains that WD is crafting the response but they're looking to LCD for input. The citizen's letter is below.

As an aside, the author of this letter (which he sent to Mrs. Obama) has been communicating with EPA for a while. From what I understand from conversations with folks, he's written several times to Jennifer Beese in WD as well as to OH EPA and OH Department of Health folks. He also wrote to me (while the Clyde Hotline factfinding was going on). He communicates under the name **Non-Responsive** as well as under his given name, **Non-**. He has apparently written a couple of novels, one of which includes as a backdrop, an investigation of a childhood cancer cluster in the fictional town of "Clowd, OH" which is in the fictional "Samdickey County."

maryann

----- Forwarded by Maryann Suero/R5/USEPA/US on 06/01/2012 08:28 AM -----

From: Peter Swenson/R5/USEPA/US  
To: Maryann Suero/R5/USEPA/US@EPA  
Date: 06/01/2012 08:27 AM  
Subject: Re: Control AX-12000-8973-WH (re: Whirlpool, Clyde, OH, possible RCRA issues)

Maryann

Here is the letter and the note I sent to Superfund  
Peter

-----  
-----

**Nonresponsive**

[REDACTED]

[REDACTED]

Can you let me know what you think?

Thanks

Peter Swenson (WW-16J)  
Chief, Watersheds and Wetlands Branch  
U.S. EPA, Region 5  
77 W. Jackson Boulevard  
Chicago, IL 60604  
312-886-0236

Peter Swenson (WW-16J)  
Watersheds and Wetlands Branch  
U.S. EPA, Region 5  
77 W. Jackson Boulevard  
Chicago, IL 60604  
312-886-0236

Maryann Suero Would you please share the citizen's le... 06/01/2012 08:20:16 AM

From: Maryann Suero/R5/USEPA/US  
To: Peter Swenson/R5/USEPA/US@EPA  
Cc: Sharon Jaffess/R5/USEPA/US@EPA, Virginia Narsete/R5/USEPA/US@EPA, SFDIO@EPA, Mark Durno/R5/USEPA/US@EPA, Dean Maraldo/R5/USEPA/US@EPA, Jennifer Beese/R5/USEPA/US@EPA, Gary Victorine/R5/USEPA/US@EPA, Mardi Klevs/R5/USEPA/US@EPA, Michael Harris/R5/USEPA/US@EPA  
Date: 06/01/2012 08:20 AM  
Subject: Re: Control AX-12000-8973-WH (re: Whirlpool, Clyde, OH, possible RCRA issues)

Would you please share the citizen's letter with us?

Thanks,  
maryann

\*\*\*\*\*

**Maryann E. Suero, PhD**  
**US EPA Region 5 (IL, IN, MI, MN, OH, WI)**  
**Environmental Health Scientist**  
**Children's Health Program Manager**  
**77 W. Jackson Blvd. (LC-8J)**  
**Chicago, IL 60604**  
**Phone (312) 886-9077**  
**Fax (312) 697-2558**  
**suero.maryann@epa.gov**

\*\*\*\*\*

Peter Swenson Thank you very much Sharon! I will pu... 06/01/2012 08:12:42 AM

From: Peter Swenson/R5/USEPA/US  
To: Sharon Jaffess/R5/USEPA/US@EPA  
Cc: Virginia Narsete/R5/USEPA/US@EPA, SFDIO@EPA, Mark Durno/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Dean Maraldo/R5/USEPA/US@EPA, Jennifer Beese/R5/USEPA/US@EPA  
Date: 06/01/2012 08:12 AM  
Subject: Re: Control AX-12000-8973-WH

Thank you very much Sharon!

I will put together a draft response and share it with you. Do you have suggestions for who in LCD might help? I am copying Maryann Suero as I understand she's been involved in Clyde.

Peter Swenson (WW-16J)  
Chief, Watersheds and Wetlands Branch  
U.S. EPA, Region 5  
77 W. Jackson Boulevard  
Chicago, IL 60604  
312-886-0236

Sharon Jaffess Hi Peter, Absolutely we can help. How... 05/31/2012 04:23:24 PM

From: Sharon Jaffess/R5/USEPA/US  
To: Peter Swenson/R5/USEPA/US@EPA  
Cc: Virginia Narsete/R5/USEPA/US@EPA, SFDIO@EPA, Mark Durno/R5/USEPA/US@EPA  
Date: 05/31/2012 04:23 PM  
Subject: Re: Control AX-12000-8973-WH

---

Hi Peter,

Nonresponsive

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Thanks,  
Sharon

Sharon Jaffess, Chief  
Enforcement and Compliance Assurance Branch  
Superfund Division / EPA Region 5  
77 W. Jackson Blvd. (SC-5J)  
Chicago, IL 60604  
312-353-0536  
jaffess.sharon@epa.gov

====    =====    =====    =====    =====  
File ATTAL0X.pdf was removed on 06/12/2012



EPA-R5-2014-006378RR-109

Michael Harris /R5/USEPA/US  
03/01/2012 08:23 AM

To: Mardi Klevs, Jean Hogan-Chereskin  
cc: Maryann Suero  
bcc:  
Subject: FW: 15th time's the charm.... Eastern Sandusky Cancer Data Risk Question

Mardi and Jean,  
Please review and submit comments to Maryann. This is due to Susan H. By 1pm today! Thank you.

Michael Harris

----- Forwarded by Michael Harris/R5/USEPA/US on 03/01/2012 09:23:43 AM-----

----- Original Message -----

From : Maryann Suero/R5/USEPA/US  
To : Michael Harris/R5/USEPA/US@EPA  
Cc : Edward Master/R5/USEPA/US  
Sent on : 02/29/2012 07:29:10 PM  
Subject : 15th time's the charm.... Eastern Sandusky Cancer Data Risk Question

I hope we got it right....

maryann



Eastern\_Sandusky\_Cancer\_Data\_Research\_Question\_March\_2012.docx

PS Thanks to Edward Master who helped!!!!!!

EPA-R5-2014-006378RR-110

**Mardi Klevs/R5/USEPA/US**

03/01/2012 08:42 AM

To Michael Harris

cc Jean Hogan-Chereskin, Maryann Suero

bcc

Subject Re: FW: 15th time's the charm.... Eastern Sandusky Cancer  
Data Risk Question is se

no comments except there is a green squiggle on the last line which indicates there are two many spaces between words. Mike, who is sending this out?

Mardi Klevs  
Chief  
Chemicals Management Branch  
Land and Chemicals Division  
U.S. EPA  
77 W. Jackson (LC-8J)  
Chicago, IL 60604  
312-353-5490  
fax: 312-385-5528

klevs.mardi@epa.gov

Michael Harris

Mardi and Jean, Please review and sub...

03/01/2012 08:23:45 AM

From: Michael Harris/R5/USEPA/US  
To: Mardi Klevs/R5/USEPA/US, Jean Hogan-Chereskin/R5/USEPA/US  
Cc: Maryann Suero/R5/USEPA/US  
Date: 03/01/2012 08:23 AM  
Subject: FW: 15th time's the charm.... Eastern Sandusky Cancer Data Risk Question

Mardi and Jean,  
Please review and submit comments to Maryann. This is due to Susan H. By 1pm today! Thank you.

Michael Harris

----- Forwarded by Michael Harris/R5/USEPA/US on 03/01/2012 09:23:43 AM-----

----- Original Message -----

From : Maryann Suero/R5/USEPA/US  
To : Michael Harris/R5/USEPA/US@EPA  
Cc : Edward Master/R5/USEPA/US  
Sent on : 02/29/2012 07:29:10 PM  
Subject : 15th time's the charm.... Eastern Sandusky Cancer Data Risk Question

I hope we got it right....

maryann



Eastern\_Sandusky\_Cancer\_Data\_Research\_Question\_March\_2012.docx

PS Thanks to Edward Master who helped!!!!!!

EPA-R5-2014-006378RR-111

Maryann  
Suero/R5/USEPA/US  
01/10/2013 09:25 AM

To Margaret Guerriero  
cc  
bcc  
Subject Re: Clyde Family Letter

Steve Wolfe said the family that responded to our recent letter to be kept informed was **Nonresponsive**. I googled the name and the news article "rang some bells" for me.

If I remember correctly, during the height of the Hotline earlier this year (or late last year?), I spoke with the GRANDFATHER of the **Nonresponsive** child that died. Carol Ropski asked me to follow up with him. I remember because the child wasn't considered part of the Cluster because he had been living in Idaho when he died. I spoke with the grandfather for quite a while and then referred him to the SCHD because the child was born in Sandusky Cty and lived there several years until he moved with his mother to ID. He was diagnosed with cancer in 2009 and died in 2011.

**Nonresponsive**

Long story, I know, but it's my rationale for thinking that this family wasn't at the meeting with Susan....not a certainty though.

I'm working from home today and my notebook is in the office so I can't even check my notes.

maryann

Margaret Guerriero At this point Susan is thinking that 2... 01/10/2013 09:16:59 AM

From: Margaret Guerriero/R5/USEPA/US  
To: Maryann Suero/R5/USEPA/US@EPA  
Date: 01/10/2013 09:16 AM  
Subject: Re: Clyde Family Letter

**Nonresponsive**

Maryann Suero Margaret, we're missing 2 key pieces f... 01/10/2013 08:31:51 AM

From: Maryann Suero/R5/USEPA/US  
To: Margaret Guerriero/R5/USEPA/US@EPA,  
Date: 01/10/2013 08:31 AM  
Subject: Re: Clyde Family Letter

Margaret, we're missing 2 key pieces from this - - the names of the families that attended the meeting and the names of the families that provided contact information to us through the health department.

We have inferred the names of 3 of the families who attended the meeting through their appearances in

newspaper articles:

- **Non-Responsive** [REDACTED]
- [REDACTED]
- [REDACTED]

But we don't know who provided contact information to us.

maryann

EPA-R5-2014-006378RR-112

Maryann  
Suero/R5/USEPA/US  
04/03/2012 01:18 PM

To Non-  
cc  
bcc WILLIAM RYCZEK, Carol Ropski  
Subject Follow-Up: Conversation with US EPA, April 3

Non-

**Here's the information we discussed this afternoon .**

**(1) Sandusky County Health Department Website** , <http://www.alwayschoosehealth.com/>  
Information about the cancer cluster investigation is on the Left side Bar .

The map of the location under consideration (approximately 7 mile radius) is on Slide 12 in the file,  
[http://www.alwayschoosehealth.com/uploads/PDF/SanduskyCountySpatialAnalysisPresentation\\_052809\\_Final.pdf](http://www.alwayschoosehealth.com/uploads/PDF/SanduskyCountySpatialAnalysisPresentation_052809_Final.pdf)

**(2) Ohio EPA's Website on the Cancer Investigation** is at <http://www.epa.ohio.gov/pic/clyde.aspx>

**(3) US EPA's website, Eastern Sandusky Assessment** ,  
<http://www.epa.gov/Region5/cleanup/easternsandusky/index.html>  
Near the bottom of this website, there are also links to the websites above .

**(4) US EPA Fact Sheet about our activities in the area**  
<http://www.epa.gov/Region5/cleanup/easternsandusky/pdfs/easternsandusky-fs-201202.pdf>

**(5) Contact information for Great Lakes Center for Children 's Environmental Health**  
They may be able to help you better understand the type of cancer your nephew has and why he's not being included in the cluster investigation . They provide telephone consultation on children's environmental health at no charge because they are funded, in part, by US EPA.

REGION 5  
Service area: Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin  
Great Lakes Centers' Pediatric Environmental Health Specialty Unit  
Academic Affiliation: University of Illinois at Chicago , School of Public Health  
Hospital Affiliation: Stroger Hospital of Cook County  
Location: Chicago, Illinois  
[www.uic.edu/sph/glakes/kids](http://www.uic.edu/sph/glakes/kids)  
IL: (312) 864-5526  
Toll Free (866) 967-7337

There is also a Satellite location at University of Cincinnati  
Hospital Affiliation: Cincinnati Children's Hospital & Medical Center  
Location: Cincinnati, Ohio  
OH: (513) 803-3688  
Toll Free (866) 967-7337

**(6) Contact information for Sandusky County Health Department** , Environmental Health Program ,  
419-334-6373

**(7) Contact information for Ohio Department of Health** , Ohio Department of Health  
Robert W. Indian, M.S., (614) 752-2464, [Robert.Indian@odh.ohio.gov](mailto:Robert.Indian@odh.ohio.gov)

(8) My contact information is below. Please feel free to call me if there's any way that I can be of assistance.

Our thoughts are with you and your family at this difficult time .

maryann

\*\*\*\*\*

Maryann E. Suero, PhD  
US EPA Region 5 (IL, IN, MI, MN, OH, WI)  
Environmental Health Scientist  
Children's Health Program Manager  
77 W. Jackson Blvd. (LC-8J)  
Chicago, IL 60604  
Phone (312) 886-9077  
Fax (312) 697-2558  
suero.maryann@epa.gov

\*\*\*\*\*

EPA-R5-2014-006378RR-113

Virginia  
Narsete/R5/USEPA/US  
11/20/2012 02:42 PM

To Joshua Singer  
cc Stephen Wolfe, Mark Durno, Anne Rowan, Joseph Dufficy,  
Yolanda Bouchee, Maryann Suero  
bcc  
Subject Re: Answers to anticipated Questions

Thanks Josh. Looks good Only question - when you mentioned to call DC - should there be a contact name and number.

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

Joshua Singer

All: Please see the attached draft answ...

11/20/2012 02:38:57 PM

From: Joshua Singer/R5/USEPA/US  
To: Virginia Narsete/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA,  
Cc: Anne Rowan/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, Yolanda Bouchee/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA  
Date: 11/20/2012 02:38 PM  
Subject: Answers to anticipated Questions

All:

Please see the attached draft answers to anticipated questions. Most of these answers are too long for talking points, but I will try to boil them down once we have this info finalized.

Nonresponsive

Regarding the phone numbers: 312-636-0081 (not 0881) is the number for Susan Buchanan, 312-864-5526 is the number for Stroger Hospital in Chicago, and 866-967-7337 for Great Lakes Center for Children's Environmental Health, but there is no message on the Great Lakes number. Thanks.



DRAFT Eastern Sandusky Questions and Answers November 2012.docx

Josh Singer  
U.S. Environmental Protection Agency  
singer.joshua@epa.gov



312-353-5069

Virginia Narsete    Wonderful Ginny Narsete Community I...    11/20/2012 11:05:42 AM

From: Virginia Narsete/R5/USEPA/US  
To: Stephen Wolfe/R5/USEPA/US@EPA,  
Cc: Anne Rowan/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Yolanda Bouchee/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA  
Date: 11/20/2012 11:05 AM  
Subject: Re: Update on Calls on Clyde

---

Wonderful

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson  
SI-7J  
Chicago IL 60604  
"Innovate, Educate and Rebuild our Region 5 Communities"

Stephen Wolfe    Hi Ginny, I was talking to Maryann Sue...    11/20/2012 10:38:37 AM

From: Stephen Wolfe/R5/USEPA/US  
To: Virginia Narsete/R5/USEPA/US@EPA,  
Cc: Anne Rowan/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Yolanda Bouchee/R5/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA  
Date: 11/20/2012 10:38 AM  
Subject: Re: Update on Calls on Clyde

---

Hi Ginny,

I was talking to Maryann Suero and mentioned the below to me

For the families with small Children (and I do not if it applies to the person moving)

May want to have them contact the Pediatric Environmental Specialty Unit which is co-funded by US EPA and ATSDR which can provide some opinions to them

the three numbers she gave me for contacting them are 866-967-7337, 312-864-5526, 312-636-0881

she cautioned that they may not have an outgoing mesg on the mailbox but to make sure the caller leaves a message anyway.

Thanks,

---

Steve Wolfe  
On-Scene Coordinator  
U.S. EPA Region 5

25089 Center Ridge Road  
Westlake, Ohio 44145

Phone: 440.250.1718  
Fax: 440.250.1750

Virginia Narsete

During the past few days I received a f...

11/20/2012 10:56:49 AM

From: Virginia Narsete/R5/USEPA/US  
To: Anne Rowan/R5/USEPA/US@EPA, Mark Durno/R5/USEPA/US@EPA, Stephen Wolfe/R5/USEPA/US@EPA, Joshua Singer/R5/USEPA/US@EPA,  
Cc: Yolanda Bouchee/R5/USEPA/US@EPA, Joseph Dufficy/R5/USEPA/US@EPA  
Date: 11/20/2012 10:56 AM  
Subject: Update on Calls on Clyde

During the past few days I received a few calls (little over 10) from residents from Clyde, Ohio regarding the Eastern Sandusky Site. After talking with nearly all those who called, most wanted answers about sampling results and is their drinking water safe. They are asking for a town hall meeting and said they'd like more information besides what they see on the website. If there is an informational meeting with the general public, they would attend.

First, - One person who is moving into the area said she is considering buying a home. She wants to know if she has anything to worry about regarding contamination. The home she is looking at is in the same neighborhood as **Non-** **Nonresponsive**

At this point we may want to include ATSDR, since most of the questions are health related. The Ohio ODH and the county health are referring all calls to us which probably should be handled by the health agencies.

Second - Some of the residents of Clyde, especially with small children, would like their wells tested. I understand the health department will not take samples and are referring the calls to me on this as well. One house in particular is located about 2 miles from Clyde. She is at a loss on who she can call to get her well sampled. She has a 2 year old and a 9 year old. She is making formula with the well water and is a little nervous about the well water.

Third - Received a tip on **Non-Responsive**. The gentleman reported foaming suds as high as 6 feet used to float on the creek near Whirlpool. He worked at whirlpool and took pictures and is willing to make copies. Those photos were from 1957.

Overall - Just from talking to several of the folks, there is a need for information - and it may be more urgent to correct the rumors and be willing to answer questions. I realize this is way beyond my pay grade, however it's clear the general public is concerned.

**Nonresponsive**

Ginny Narsete  
Community Involvement and Outreach Section  
Superfund Division  
W. 312-886-4359  
C. 312-919-0126  
U.S. EPA  
77 West Jackson

SI-7J

Chicago IL 60604

"Innovate, Educate and Rebuild our Region 5 Communities"

EPA-R5-2014-006378RR-114

"Mary Dennis "  
<mdennis@sanduskycohd.org  
>

07/07/2011 07:36 AM

Please respond to  
<mdennis@sanduskycohd.org  
>

To Maryann Suero  
cc "W Robert Midden"  
bcc  
Subject FW: Vickery Gas Releases

Maryann,

I am forwarding you my initial email discussion with my husband, Bob Midden, which prompted additional discussions about the NO<sub>2</sub> releases from VEI. Since then he has met with us here at SCHD and with NW OEPA officials and had further discussion. I am just sending this information to you to follow up on our conversation from yesterday and to give you his email address so that you and he can communicate directly if you want. I'm also including a couple of links that he sent from subsequent correspondence that causes me to think this should be studied further. I'm also attaching three newspaper articles discussing the 2006 release.

Thanks for taking a look at this!

<http://www.ncbi.nlm.nih.gov/pubmed/9562395>

<http://www.ncbi.nlm.nih.gov/pubmed/18306090>

OK, so here's a study that failed to find a link for childhood exposure but instead found a link for exposure in utero:

<http://www.ncbi.nlm.nih.gov/pubmed/11226975>

Mary Dennis, MPH, RS, CHES  
Director of Environmental Health  
Sandusky County Health Department  
2000 Countryside Drive  
Fremont, OH 43420  
mdennis@sanduskycohd.org  
419-334-6372 (voice)  
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**From:** W Robert Midden [mailto:midden@bgsu.edu]

**Sent:** Friday, January 07, 2011 8:43 AM  
**To:** Mary Dennis  
**Subject:** Re: Vickery Gas Releases

How do you know that only NO<sub>2</sub> was released? I know that was the visible cloud of gas but NO<sub>2</sub> is one of the few gases that is highly visible. Other gases could have also been present but not noticed because the NO<sub>2</sub> was most noticeable. It's my understanding that the tanks that released gas were waste tanks and included a variety of chemicals. NO<sub>2</sub> reacts with some other organic compounds and it's possible that it could form nitrated derivatives that are carcinogenic such as N-nitrosamines. Compounds containing certain nitrogen functional groups are known carcinogens. The chemical soup that created the NO<sub>2</sub> gas may well have also created other toxic compounds some of which may be carcinogenic, especially in children. And it sounds as if there were repeated exposures, not just a single exposure. I don't know if there are any research articles that demonstrate that chemical mixes like those at Vickery produce carcinogenic substances. Because of the variability that may occur in those waste mixes it may be very difficult to document that. But if there was a chemical reaction sufficient to generate a large amount of NO<sub>2</sub> gas then there could have been other chemical reactions that produced other nitrogen containing compounds such as the N-nitrosamines I mentioned above. Sodium nitrite is believed to form nitrosamines even in the human body by reaction with amino groups on biomolecules and this is thought to possibly account for evidence of nitrite carcinogenicity. While I'm not aware of NO<sub>2</sub> reacting to do the same I'm I doubt that it could be proven with certainty that Vickery's releases are the cause but there is enough circumstantial evidence to convince me that it is a possibility. Do a Google search for nitrosamine carcinogenesis and see what you find. N-nitrosamines are one of the most thoroughly studied classes of carcinogens. You might look at this for instance:

<http://tinyurl.com/34a8uge>

Here's an article that documents reaction of NO<sub>2</sub> in aqueous solution to form a nitro-tyrosine derivative. It's certainly conceivable that nitrosamines or other carcinogens could be formed when NO<sub>2</sub> is inhaled and transported throughout the body.

<http://tinyurl.com/3382o6h>

I just found this article that documents nitrosamine formation by reaction of NO<sub>2</sub> with amines:

<http://tinyurl.com/32w4ayb>

This is just with a very brief search. I suspect a lot more could be found about this with some further investigation. I honestly think that this could really be the cause. Everything seems to fit: the geographic distribution, the temporal distribution, the range of different types of cancer. It's far from certain and it may never be possible to prove but I think this has real possibilities. Where is the geographic center of the elevated incidence?

Bob M.

On 1/7/11 8:13 AM, "Mary Dennis" <[mdennis@sanduskycohd.org](mailto:mdennis@sanduskycohd.org)> wrote:

As far as I know the gases released were all NO<sub>2</sub>. Could a 1 time exposure to this cause cancer? What about in adults? We don't see an increase in adult cancer. Also, the cluster now includes most of the

eastern portion of the county including Fremont and areas north of vei . So I'm not sure that the releases could account for all of the cases. I know this possibility was considered earlier and it was decided that it was unlikely to be a suspect. Can you get me some documentation for reopening this as a possibility?

**Mary**

**From:** W Robert Midden [<mailto:midden@bgsu.edu>]

**Sent:** Friday, January 07, 2011 7:09 AM

**To:** Mary Dennis

**Subject:** Vickery Gas Releases

**Importance:** High

Mary,

Somehow I overlooked the potential of Vickery gas releases . The article about the NO2 release at Vickery in 2006 that one of those people cited brought this to my attention . What I noticed as that the plume was said to have passed right over Clyde and the Whirlpool plant . However, I found another article in the Blade that said the Ohio EPA cited Vickery for two violations and said that there had been other gas releases since 2000!!! Plumes would travel in the direction of the winds at the time so this could well account for the distribution of cases that have been observed . And the transient nature of these releases would prevent detection of anything in the air or water now . Another article indicated that Vickery had made changes to prevent future gas releases . If that's so, that might account for why the incidence rate has declined . Those cases now being observed may be latent cases from past exposures . I wonder if there's any way to know what all of the gas releases have been and what the nature of the gases were . I suspect not . But it's also possible that there were different agents at different times that might account for that range of cancers that were observed . I think this has characteristics that are all consistent with the data .



Bob Vickery EPA Citation Blade.pdfVickery NO2 Release 2006 Blade.pdfVickery Plan to Prevent Release Blade.pdf

EPA-R5-2014-006378RR-117

"Peelle, Darla"  
<Darla.Peelle@epa.state.oh.us>

02/10/2012 07:53 AM

To Maryann Suero, Jennifer Beese, "Pollick, David G.", "Dennis, Mary", "Indian, Robert"

cc

bcc

Subject RE: Response to information re eastern Sandusky County investigation

Good morning,

I apologize for not including **Non-** original e-mail to Rick Hassinger, one our investigators, to provide context. See attached.

You may also be interested in learning more about **Non-**, who has authored a book (fiction) about a small town, Clowd, in Samdickey County, Ohio, with a juvenile cancer cluster (20 cases) where there's a large appliance manufacturer, Charybdis. Go to this link

[http://books.google.com/books?id=8E6nwsR4nXMC&vq=cancer+cluster&source=gbs\\_navlinks\\_s](http://books.google.com/books?id=8E6nwsR4nXMC&vq=cancer+cluster&source=gbs_navlinks_s), then click on "Preview this book." Once on the book cover page, type in "cancer cluster" in the search box along the left side of the page.

Other links that may be of interest.

<http://www.amazon.com/CHENEYS-REVENGE-Fruit-Shame-ebook/dp/B005RF9V0I>

<http://ezinearticles.com/?Clues-to-Criminal-Conspiracy-in-Towns-and-Corporations&id=6828750>

Regards,

*Darla*

~\*~\*~\*~\*~\*~\*~\*~\*~\*

Darla L. Peelle  
Environmental Public Information Officer  
Ohio EPA  
50 W. Town Street, Suite 700  
Columbus OH 43215  
Phone: (614) 644-2160  
Fax: (614) 644-2737

**From:** Maryann Suero [mailto:Suero.Maryann@epamail.epa.gov]

**Sent:** Friday, February 10, 2012 8:41 AM

**To:** Peelle, Darla

**Subject:** Re: Response to information re eastern Sandusky County investigation

Darla, the information that the citizen sent doesn't seem to be attached.

Thanks!

maryann

From: "Peelle, Darla" <[Darla.Peelle@epa.state.oh.us](mailto:Darla.Peelle@epa.state.oh.us)>  
To: "[dunottar@hotmail.com](mailto:dunottar@hotmail.com)" <[dunottar@hotmail.com](mailto:dunottar@hotmail.com)>  
Cc: "Indian, Robert" <[Robert.Indian@odh.ohio.gov](mailto:Robert.Indian@odh.ohio.gov)>, Maryann Suero/R5/USEPA/US@EPA, Jennifer Beese/R5/USEPA/US@EPA, "Pollick, David G." <[dpollick@sanduskycohd.org](mailto:dpollick@sanduskycohd.org)>, "Dennis, Mary" <[mdennis@sanduskycohd.org](mailto:mdennis@sanduskycohd.org)>, "Hassinger, Rick" <[rick.hassinger@epa.state.oh.us](mailto:rick.hassinger@epa.state.oh.us)>  
Date: 02/10/2012 06:58 AM  
Subject: Response to information re eastern Sandusky County investigation

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Dear **Non-**

I am writing in response to email you sent on January 9 and February 1, 2012, to Rick Hassinger, an investigator who works in the Office of Special Investigations for Ohio EPA's Northwest District Office. I am a public involvement coordinator with Ohio EPA and serve as a liaison between agency staff and residents of the 24 counties served by our Northwest District Office. Rick asked that I contact you on his behalf.

As you may know, Ohio EPA participated in the eastern Sandusky County environmental investigation as requested by the Ohio Department of Health (ODH). Based on the findings from air, water and soil samples collected in the area in which the affected families lived, ODH concluded that there was no completed path of exposure to significant levels of cancer-causing agents. The U.S. EPA has reviewed Ohio EPA's findings and has found them to be valid. However, the federal EPA is conducting an additional investigation in eastern Sandusky County.

Ohio EPA took an assistive role in the earlier environmental investigation initiated by ODH, however, the U.S. EPA is presently the lead agency. Because of this, I am forwarding the information you shared with Rick to Dr. Maryann Suero, Regional Team Manager, Children's Health, U.S. EPA Region 5 and Jennifer Beese, a public affairs specialist in the Water Division U.S. EPA Region 5, who is the contact for all surface water-related concerns in the states served by Region 5. I am also forwarding the information to Sandusky County Health Commissioner Dave Pollick. I respectfully ask that you send any additional observations and recommendations to Dr. Suero and/or Ms. Beese. Dr. Suero's email address is [Suero.Maryann@epamail.epa.gov](mailto:Suero.Maryann@epamail.epa.gov) and Ms. Beese's email address is [Beese.Jennifer@epamail.epa.gov](mailto:Beese.Jennifer@epamail.epa.gov). In order to establish context, I am copying both of them on this message.

Thank you for your concern and for providing your input to the investigation.

Sincerely,

*Darla*

~\*~\*~\*~\*~\*~\*~\*~\*~\*

*Darla L. Peelle*  
*Environmental Public Information Officer*  
*Ohio EPA*  
*50 W. Town Street, Suite 700*  
*Columbus OH 43215*  
*Phone: (614) 644-2160*  
*Fax: (614) 644-2737*



----- Message from "Getz, Eric" <Eric.Getz@epa.state.oh.us> on Fri, 3 Feb 2012 16:29:18 +0000 -----

**To:** "Peelle, Darla" <Darla.Peelle@epa.state.oh.us>

**Subject:** email

Darla,

Here is the email that I was referencing in our telephone conversation. Rick has other emails and written documentation that will be of interest. Thanks in advance for your help.

Eric Getz  
Ohio Environmental Protection Agency  
Northwest District Office  
347 North Dunbridge Road  
Bowling Green, Ohio 43402  
419-373-3055 Phone  
419-352-8468 Fax

----- Message from "Hassinger, Rick" <rick.hassinger@epa.state.oh.us> on Wed, 1 Feb 2012 15:24:32 +0000 -----

**To:** "Getz, Eric" <Eric.Getz@epa.state.oh.us>

**Subject:** FW: Input to Your Investigation: Methodology for Testing Raccoon Creek and Pickerel Creek Wetlands

[Latest from Clyde complainant.](#) Rick

**From:** Non-Responsive

**Sent:** Wednesday, February 01, 2012 9:54 AM

**To:** Hassinger, Rick

**Subject:** FW: Input to Your Investigation: Methodology for Testing Raccoon Creek and Pickerel Creek Wetlands

Dear Rick:

I received no answer to the below e-mail sent to you on 9 Jan, so I am writing to remind you that the easiest way to prove my conclusions wrong (in the six page report I forwarded to you about Whirlpool contaminating Raccoon Creek, Pickerel Creek Wetlands and Lake Erie, illegally and probably for the past 24 years), is to take 18" core samples of mud from the wetland, in a semicircle about 500 feet away from the outfall of Raccoon Creek.

Test the cores at random depths at first, with an MSTS (*Mass Spectrometry Testing System, you can find one at any federally licensed laboratory which does law enforcement work*) and ascertain the chemical content of the sludge. Any sludge which shows a combination of both sewage particulate and hydrocarbon will be sludge accumulated AFTER the Clyde Sewage Treatment Plant became operational in 1986-7. Then you can begin collecting *many* cores from throughout the wetland to determine the total acreage which has been contaminated by that characterization of sludge, a mixture of chlorinated and other hydrocarbons, sewage, metals and hydroxides drawn from water: The hydrocarbons are contributed by Whirlpool (because EPA's own study demonstrates that Raccoon Creek is alive, fertile and uncompromised before it flows onto Whirlpool Property), and the sewage particulate is contributed by Clyde WWTP.

Here's hoping *a//* your guys at Ohio EPA want to do the right thing, most especially your managers and executives, the guys who tell you which samples they want you to collect, what tests they want you to perform, the guys who change your reports before they are published. If your 'investigation' is ongoing, I hope you're looking upward at your own senior bureaucracy. Ask the guys who actually do the survey work "who has changed your reports?" Ask them if they kept copies of the report document they originally presented to management. Compare the copies with the final.

This is how you learn stuff. Ya gotta ask.

Call me sometime and I'll teach you how to drill cheap monitoring wells to find out how much toxic material has seeped through the Karst formation into the aquifer. Oh, and we should talk about toxic algae blooms in Lake Erie, and the cancer infections in Port Clinton.

Non-Responsive

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From: Non-Responsive

To: rick.hassinger@epa.ohio.gov

Subject: Input to Your Investigation: Methodology for Testing Raccoon Creek and Pickerel Creek Wetlands

Date: Mon, 9 Jan 2012 12:11:51 -0500

Dear Rick:

After reading again the survey you recommended to me,

<http://www.epa.ohio.gov/portals/35/documents/SanduskyBayTribesTSD2009.pdf>

I realized that your testing methodology may be the old-fashioned lab technology requiring testing biosamples with reagents. Each test tells you a single chemical either is or is not present in the sample, so if you don't have clues to lead you in the right direction, you need a thousand tests to find a dozen chemicals. This is tedious, time-consuming, and even when your lab people take competent notes, management ends up forgetting what was tested, how it was tested, and nobody knows if the testing was sufficient to find every contaminant. You end up re-reading endless notes.

Also, you must have encountered the situation in which somebody tests a grab-sample from surface water for heavy metals and finds only a fraction of parts per million, perfectly acceptable. Then he tests the mud core taken from the same location and finds hydrocarbons, polychlorinated biphenyls, heavy metals, and organic wastes in very large volume. The Hudson River in New York, and the Mississippi downstream of Natchez both exhibit these characteristics. (That area of Louisiana and Mississippi are known as 'Cancer Alley'.)

The purpose of this memo is to give you a methodology which will REDUCE COSTS OF TESTING and GIVE A CLEARER PICTURE OF THE SAMPLED CONTAMINATION.

Now, if my theory is right, the whole bottom of Pickerel Creek Wetlands is covered in hydrocarbon grease and chlorinated hydrocarbon solvent, mixed and chemically combined with sewage particulate. This is a deadly mixture, the hydrocarbon/sewage sludge would smother and poison the roots of cattails, which harbor most of the beneficial microorganisms in the wetland. As this deadly mixture works its way through sloughs in the wetland (killing more cattails) it becomes food for algae in the presence of sunlight when it hits Sandusky Bay, creating the toxic algae blooms which have gotten bigger every year. The 2009 Study refers to 'grab samples', which I take to be water dipped from the surface. I see no mention of cores of creek mud or of mud taken from the wetland. Cores are necessary to an adequate investigative process. Hydrocarbons combine with atoms of dissolved metal, sewage particulate and water to create very heavy molecules which sink to the bottom of any body of water. Indeed, they stick to metal and mineral surfaces. Analyse the mud from any harbor where motorboats are moored, where humans empty their honey buckets, and engines leak oil and gasoline, you'll see the kind of stuff we're talking about. It's called 'black mayonnaise'.

Raccoon Creek receives sewage from Clyde WWTP and the sewage plant is across Highway 20 from Whirlpool. Whirlpool paints ten thousand to eighteen thousand washing machine cabinets a day, every weekday. In order to make the paint stick, they go through a lot of industrial degreaser, probably methylene chloride. When the chlorinated hydrocarbon (known to cause cancer in lab animals) becomes burdened with grease and oil, they must get rid of it, and I've seen a dirty purple sheen, with yellow edges, coming out of the concrete channel next to the plant. The channel runs into the creek and crosses Highway 20.

Within a few hundred feet, Clyde Sewage pours their wastewater into the creek (Open Ditch Oxidation), and the creek is now a sewage channel. It smells anaerobic, and it's nasty. Nobody wants to be in a yucky creek, slipping on riprap in his waders. So the creek is not sufficiently tested because it's yucky. You'll find the wetland is equally yucky, but you can use a boat.

If you understand biological sewage treatment, you know that sewage outfall is 2-8% fecal particulate, essentially it's a fertilizer suspended in water. That sewage *should* be picking up algae from the creek and the algae should be multiplying, so that somewhere along the creek's flow, the color of the turbidity will change from brown/tan/yellow to medium green (in summer) or thalo green (in winter).

However, the sewage arrives at two long settling ponds at the opening to Pickerel Creek Wetlands and it is still brown/tan/yellow. The creek is biologically unable to produce algae sufficient to multiply and thrive in this fertilizer. Therefore, something in the fertilizer has killed off the algae. It has also killed the tadpoles of frogs and salamanders and the fish which, according to your study, are thriving in Raccoon Creek *upstream of Whirlpool*. (see the study, link above.)

Here's what needs to be done to find out if the creek and wetland are contaminated :

IN THE WETLAND: Launch a boat near the outfall pipe which drains the two long settling ponds into the wetland. Go out at least five hundred feet. Use the brass plunge-coring collector (don't know the name, but it's basically a brass Nansen bottle on a stick) and pull up about twelve-eighteen inches of bottom muck. Seal each core in an airtight, *non-reactive* container, glass is best. Collect at least twenty samples in a semi-circle at least 500 feet from the outfall pipe.

IN THE CREEK: If you collect samples from the creek, you must get them from deep places, the holes or 'kettles' which form in a natural creek bed. If the whole creek has been riprapped, you may not be able to find kettles, so probe with a stick for the deepest slushy bottoms you can find, and collect samples from the deep points.

Take your samples to a laboratory offering *mass spectrometry analysis*. This is the best technique for determining the total elemental composition of a sample or molecule, and that will help you determine the chemical structures of the contents. This will eliminate the confusing results you get using reagents to test for individual chemicals. Chlorinated hydrocarbons are very active chemicals, already combined with a variety of greases and oils when they hit the creek. They will combine readily with fecal matter and with suspended and dissolved chemicals in sewage, creating a 'soup' of results. Old-fashioned testing is expensive and takes forever. You want to vaporize your semi-liquid samples (electrospray ionization), ionize the vapor and analyze the mass-to-charge ratio. The differently charged ions are separated in the analyzer by varying electromagnetic fields, the ions are detected automatically and processed into a mass spectra. You get a printout, and the lab techs should help you interpret the printout.

Your study admits that populations of biota around the creek are deteriorating and in decline. This testing methodology should help you to find out why, *but the testing doesn't end there*.

Remember, the wetlands flow into Sandusky Bay, which is experiencing ever-increasing toxic algae

blooms each summer. And that creek flows over porous sandstone, so it's exchanging water with the aquifer. Any contaminants put into the creek will make their way into the aquifer.